DOCUMENT RESUME

ED 373 679 HE 027 665

TITLE	Selected Data on Federal Support to Universities and Colleges, Fiscal Year 1992. Selected Data Tables.
INSTITUTION	National Science Foundation, Washington, D.C. Div. of Science Resources Studies.
REPORT NO	NSF-94-312
PUB DATE	94
NOTE	53p.; For the 1991 report, see ED 363 183.
AVAILABLE FROM	Division of Science Resources, National Science Foundation, 4201 Wilson Blvd., Arlington, VA 22230 (single copy, free).
PUB TYPE	Information Analyses (070) -- Statistical Data (110)
EDRS PRICE	MF01/PC03 Plus Postage.
DESCRIPTORS	Colleges; Comparative Analysis; Educational Equipment; Educational Facilities; *Educational Finance; Engineering; *Federal Aid; Grants; Higher Education; Institutional Characteristics; *Research and Development; *Resource Allocation; Revenue Sharing; Science Activities; Surveys; Tables (Data); Universities

ABSTRACT

This report presents survey data from the Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions for Fiscal Year 1992. This is a survey of the 15 federal agencies that provide virtually all of the federal funding for science and engineering research and development (R & D) at universities and colleges. Data tables list federal obligations to universities and colleges by type of activity for the fiscal years (FYs) 1963-92. Data present federal obligations for science and engineering R & D, first by geographic divisions and state, for FYs 1985-92; second, by the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency for FY 1992; and, third, by state, institution, and agency for FY 1992. Statistical data also show federal obligations to universities and colleges by: (1) type of activity and agency for FYs 1963-92; (2) geographic division and state for FYs 1985-92; (3) agency and type of activity for FY 1992; (4) geographic division, state, and agency for FY 1992; and (5) the 100 schools receiving the largest amounts, ranked by total amount received and type of activity for FY 1992. (MDM)

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Selected Data on Federal Support to Universities and Colleges

Fiscal Year 1992

Selected Data Tables

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Selected Data on Federal Support to Universities and Colleges

Fiscal Year 1992

Selected Data Tables

Richard J. Bennof, Project Officer

Division of Science Resources Studies
Directorate for Social, Behavioral and Economic Sciences

National Science Foundation

NSF 94-312

Suggested Citation

National Science Foundation, *Selected Data on Federal Support to Universities and Colleges: Fiscal Years 1992*, NSF 94-312 (Arlington, VA, 1994).

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Contributors

Data collection, preparation, and tabulations were performed by Quantum Research Corp. for the National Science Foundation. The Project Officer for this report was Richard J. Bennof.

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INTRODUCTION

The data presented in this summary are derived from the Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions: Fiscal Year 1992 (hereinafter referred to as the Federal Support Survey) and are being released in advance of the publication that contains more comprehensive detailed statistical tables. Among the available data excluded from this summary are academic totals by type of institutional control, by highest degree granted, and by field of science and engineering (S&E) discipline; data on historically black colleges and universities; data on nonprofit institutions; and data on university and nonprofit-administered federally funded research and development centers.

SURVEY COVERAGE

The 15 Federal agencies surveyed in this report provided virtually all of the Federal funding for S&E research and development (R&D) at universities and colleges. The data presented in these tables are for all categories of direct Federal obligations to institutions of higher education in the United States. Therefore, amounts that are subcontracted to other institutions are included, but funds that are received by academic institutions through subcontract arrangements from prime contractors are excluded. Amounts for tuition support programs such as Pell Grants and Supplemental Educational Opportunity Grants are included in these figures. Totals, however, exclude loans to individuals, such as those related to federally guaranteed student loan programs sponsored by the Department of Education and to Federal employee training and development activities.

ACRONYMS AND ABBREVIATIONS

The fiscal year (FY) 1992 data shown in this report were submitted by the following Federal agencies, listed by the acronyms and abbreviated references under which data are reported for them:

- AID - Agency for International Development
- Com - Department of Commerce
- DoD - Department of Defense
- DOT - Department of Transportation
- Ed - Department of Education
- EPA - Environmental Protection Agency
- DOE - Department of Energy
- HHS - Department of Health and Human Services
  - ADAMHA - Alcohol, Drug Abuse, and Mental Health Administration
  - CDC - Centers for Disease Control
  - FDA - Food and Drug Administration
  - HRSA - Health Resources and Services Administration
  - NIH - National Institutes of Health
- HUD - Department of Housing and Urban Development
- Int - Department of the Interior
- LABOR - Department of Labor
- NASA - National Aeronautics and Space Administration
- NRC - Nuclear Regulatory Commission
- NSF - National Science Foundation
- OEO - Office of Economic Opportunity
- USDA - Department of Agriculture

The following abbreviated references are used throughout the report:

- FFRDCs - federally funded research and development centers (not published in this report)
- FTTGs - fellowships, traineeships, and training grants
- FY - fiscal year
- NA - not available
- n.e.c. - not elsewhere classified
- Non-S&E - non-science and engineering
- R&D - research and development
- S&E - science and engineering
- SRS - Division of Science Resources Studies, NSF, in which this report is produced

DEFINITIONS

Obligations are the amounts for orders placed, contracts awarded, services received, and similar transactions during a given period, regardless of when the funds were appropriated and when future payment of money is required. Obligations differ from expenditures in that funds allocated by Federal agencies during one fiscal year may be expended by the recipient institution either partially or entirely during one or more subsequent years.

Deobligations are reported in the year in which the obligations were originally made. If the original year was not known or could not be determined by agency accounting records, the deobligation was reported for the current year (FY 1992). Reporting negative data for the current year was possible if the deobligations exceeded current-year obligations.

TYPE OF INSTITUTION

Universities and colleges are those institutions of higher education in the United States that offer at least 1 year of college-level study leading toward a degree. A university or college comprises all parts of an academic institution, such as colleges of liberal arts, professional schools, hospitals, schools of agriculture, and agricultural experiment stations, including bureaus, offices, and research centers (excluding FFRDCs), whether located on or off the main campus, and branch campuses controlled directly by the parent institution. The universe of academic institutions that is the foundation of this survey is derived from the higher education institutions' portion of the Department of Education's Integrated Postsecondary Education Data System (IPEDS), sponsored by the National Center for Education Statistics (NCES), and the *1993 Higher Education Directory*, published by Higher Education Publications, Inc. Institutions included are those that received Federal support during FY 1992 and possessed a significant degree of academic and administrative autonomy. Institutions within a system (group of institutions having a collective legal status and generally recognized by a State Government, a board of education, or other relevant organization) in which a significant degree of autonomy remains at the individual institution level are presented separately; obligations to branch campuses are included in the totals for their parent institutions. The study excludes all obligations to the service academies and to the USDA Graduate School.

CATEGORIES OF SUPPORT

Academic science and engineering includes all obligations for the following activities: R&D; R&D plant; facilities and equipment for S&E instruction; fellowships, traineeships, and training grants; general support for science and engineering; and other S&E activities. These activities are defined as follows:

Research and development includes all research activities, both basic and applied, and all development activities that are supported at universities and colleges. Demonstration projects conducted to discover whether a technology or method is workable are considered to be within the scope of R&D if their objective is to produce new information within a specific time period. "Research" is defined as systematic study directed toward fuller scientific knowledge or understanding of the subject studied. Research can be classified as basic or applied, although data reported here are not separated into these categories. In basic research the investigation is oriented toward gaining a better knowledge or understanding of the fundamental aspects of phenomena and of observable facts without specific applications toward processes or products in mind. In applied research the investigation is aimed at gaining the knowledge or understanding necessary for determining the means by which a recognized and specific need may be met.

"Development" is the systematic use of knowledge and understanding gained from research directed toward the production of useful materials, devices, systems, or methods, including design and development of prototypes and processes. Research and development excludes topographic mapping and surveys, collection of general-

purpose statistics, and activities concerned primarily with the dissemination of scientific information. Also excluded are routine product testing, quality control, and R&D facilities and fixed equipment.

"Research equipment" is included as part of R&D. It includes any item (or interrelated collection of items constituting a system) of nonexpendable tangible property or software having a useful life of more than 2 years and an acquisition cost of $500 or more that is used wholly or in part for research. R&D in the arts and humanities is excluded from this category but is included in "Non-S&E activities."

R&D plant includes all costs—direct, indirect, and related—of all projects whose main objective is to provide support for the construction, acquisition, renovation, modification, repair, or rental of facilities, land, works, or equipment for use in scientific or engineering R&D. A facility is interpreted broadly to be any physical resource important to the conduct of R&D. Excluded are expendable research equipment and office furniture and equipment.

Facilities and equipment for S&E instruction includes all programs in which the main purpose is to provide support for the construction, acquisition, renovation, modification, repair, or rental of facilities, land, works, or equipment for use in instruction in science and engineering.

Fellowships, traineeships, and training grants include graduate programs in support of the development and maintenance of S&E personnel resources. The total amounts pertaining to such awards (stipends and cost-of-education allowances) are reported on the basis of the institution chosen by the recipient. Excluded are programs that support research and education institutes, seminars, and conferences such as teacher-training activities provided through teacher institutes, short courses, research participation, and in-service seminars; activities aimed at the development of education techniques and materials for use in S&E training; and programs that provide special opportunities for increasing the scientific knowledge and experience of precollege and undergraduate students. These activities are included in "Other S&E" or, if not S&E oriented, in "Non-S&E activities."

General support for science and engineering includes programs that support nonspecific or generalized purposes related to scientific research and education. Such projects are generally oriented toward academic departments, institutes, or institutions as a whole and embody varying types of support—ranging from that provided without any specification of purpose other than that the funds be used for scientific projects to that provided for activities within a specified field of science and engineering without a specific purpose. NIH's Biomedical Research Support Grants and Minority Biomedical Support Grants are examples of these types of programs.

Other science and engineering activities include all academic S&E activities that cannot meaningfully be assigned to one of the preceding five categories. Types of activities included are obligations in support of technical conferences, teacher institutes, and activities aimed at increasing the scientific knowledge of precollege and undergraduate students.

Non-S&E activities include all other obligations excluded from the six foregoing categories defined but that represent direct funding (excluding loans) from a Federal agency to an academic institution for activities or purposes not specifically related to science and engineering. Included are all obligations for research, education, and facilities in the arts and humanities as well as generalized projects for which the proportion utilized for S&E activities is unknown.

Data Limitations and Relationship Between Surveys

Data presented in this report on R&D and R&D plant by agency sometimes conflict significantly with such data presented in the annual NSF Survey of Federal Funds for Research and Development (referred to hereinafter as the

Federal Funds Survey). The treatment of interagency transfers explains much of the difference in the totals. Interagency transfers of funds obligated to an academic or nonprofit institution are reported in the Federal Support Survey by the agency that actually obligates the funds to the receiving institution. In the Federal Funds Survey, however, obligations are reported by the initiating agency. Each of several agencies utilizes personnel from separate internal offices to respond to the two individual surveys, and each frequently collects data from different sources. Data for the Federal Support Survey, for example, are generally processed from award files, whereas Federal Funds Survey data are usually derived from agency budget documents.

Respondents from the separate internal offices that participate in the two surveys also frequently differ in their interpretation of the survey questions. The National Institutes of Health, for example, reports its Biomedical Research Support Grants under "General support for science & engineering" in the Federal Support Survey but under "Research and development" in the Federal Funds Survey.

Regarding the structure of the surveys themselves, the data presented in this report differ in several ways from those presented in the report on the Federal Funds Survey:

1. The two surveys differ in number of agencies involved. In the Federal Support Survey, the 15 Federal agencies that obligate virtually all of Federal support to academic R&D collect data on all Federal obligations to institutions of higher education. For the Federal Funds Survey, data are gathered on budgets for R&D and R&D plant from all 33 Federal agencies that conduct such programs.

2. The scope of information gathered differs between the two surveys: data collected in the Federal Support Survey pertain to individual academic institutions, whereas those collected in the Federal Funds Survey relate to all types of performers and to character of work (basic research, applied research, and development).

For further information concerning the availability of Federal Support Survey data and the technical aspects of this survey, please contact

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INFORMATION SOURCES

DATA TAPES

Public-use tapes from the Integrated Academic Science and Engineering Data Base are available for purchase and will normally be shipped within 3 working days from order receipt. Data tapes from the most recent surveys (1992) are currently available. Individuals interested in obtaining data tapes from the National Science Foundation (NSF) Surveys of Academic Science and Engineering should request a copy of the *Supplemental User Guide to Data Tapes*, which contains order forms and detailed information about the tapes. This document may be obtained by calling SRS's Science and Engineering Activities Program at (703) 306-1772.

INSTITUTIONAL PROFILES

Selected data items for individual doctorate-granting institutions and schools with science and engineering departments that grant a master's degree are available on computer-generated Institutional Profiles. An Institutional Profile consists of data not only from this survey, but also from NSF's other two academic S&E surveys: the Survey of Scientific and Engineering Expenditures at Universities and Colleges and the Survey of Graduate Science and Engineering Students and Postdoctorates. For information on obtaining one or a limited group of Institutional Profiles, please call Richard J. Bennof at (703) 306-1772.

CASPAR

Institutional planners are now able to acquire data from several academic S&E resources on CDROM. The compact disc contains the Computer-Aided Science Policy Analysis and Research (CASPAR) database system, which is an easy-to-use tool for retrieval and analysis of statistical data on academic S&E resources. CASPAR provides the analyst with an extensive and growing data library with multiyear statistics on the state of higher education in general and on academic S&E resources specifically. This data library is developed from multiple sources by using standardized institutional names and fields of S&E definitions. The CASPAR program includes built-in help capabilities to facilitate the use and interpretation of the data.

CASPAR data are drawn from a number of sources. All data are available by individual institutions, by State, and at the national level. Longitudinal data from surveys of universities and colleges conducted by SRS include the Federal Support Survey and R&D Expenditures Survey in addition to the Graduate Student Survey. Data from the surveys of universities and colleges conducted by the National Center for Education Statistics include earned degrees, opening fall enrollment, faculty salaries, tenure and fringe benefits, and financial statistics. Data from other sources include the National Research Council Doctorate Programs Ratings.

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Table 1. Federal obligations to universities and colleges, by type of activity: fiscal years 1963-92

[Dollars in thousands]

Fiscal year	Total, all activities	Academic science and engineering (S&E)							Non-S&E activities
		Total academic S&E	Research and development	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities	
1963	1,413,015	1,328,511	829,524	105,896	1/	1/	1/	393,091	84,504
1964	1,624,963	1,528,604	975,597	100,837	1/	1/	1/	452,170	96,359
1965	2,305,455	1,816,171	1,094,963	126,196	1/	1/	1/	595,012	489,284
1966	3,009,950	2,163,504	1,252,146	114,767	1/	365,560	1/	431,031	846,446
1967	3,317,709	2,323,795	1,301,242	111,309	1/	447,236	1/	464,008	993,914
1968	3,386,637	2,349,817	1,398,305	96,148	1/	440,895	1/	414,469	1,036,820
1969	3,462,370	2,361,399	1,474,681	54,516	1/	436,270	1/	395,932	1,100,971
1970	3,236,612	2,187,579	1,446,618	44,778	1/	429,408	1/	266,775	1,049,033
1971	3,498,596	2,343,129	1,551,391	29,942	28,729	421,029	99,669	212,369	1,155,467
1972	4,144,692	2,599,111	1,853,085	36,917	26,341	387,888	83,288	211,592	1,545,581
1973	3,839,102	2,464,362	1,870,690	43,338	13,372	287,210	38,964	210,788	1,374,740
1974	4,480,372	2,736,984	2,085,204	29,009	3,506	326,600	86,974	205,691	1,743,388
1975	4,547,285	2,805,877	2,246,182	44,787	5,026	201,273	46,353	262,256	1,741,408
1976	5,402,764	2,959,656	2,430,970	23,899	3,210	174,871	74,483	252,223	2,443,108
1977	6,489,735	3,351,337	2,803,017	36,471	3,282	184,671	75,928	247,968	3,138,398
1978	7,474,511	3,962,500	3,388,438	34,328	4,906	205,925	74,398	254,505	3,512,011
1979 2/	7,604,778	4,473,529	3,874,384	32,068	6,743	204,866	92,483	262,985	3,131,249
1980	8,298,804	4,790,972	4,160,543	37,780	3,776	210,121	91,541	287,211	3,507,832
1981 2/	8,640,925	5,062,856	4,410,931	27,894	4,563	205,448	92,721	321,499	3,578,069
1982 2/	8,776,978	5,179,610	4,554,475	31,200	829	176,582	80,137	336,387	3,597,368
1983 2/	9,344,618	5,680,631	5,024,330	37,547	2,522	189,616	94,847	331,769	3,663,987
1984	10,039,468	6,308,014	5,448,821	49,764	1,889	194,895	112,588	500,057	3,731,454
1985	10,971,593	7,257,862	6,246,181	113,932	4,947	253,082	119,171	520,549	3,713,731
1986	11,619,243	7,430,872	6,456,743	105,827	4,990	246,196	111,130	505,986	4,188,371
1987	13,433,783	8,567,284	7,241,001	229,875	13,722	290,942	236,933	554,811	4,866,499
1988	14,066,480	9,136,202	7,719,162	202,907	13,345	309,348	171,826	719,614	4,930,278
1989	15,503,833	10,074,620	8,522,555	237,010	16,911	340,458	197,745	759,941	5,429,213
1990 2/	15,197,906	10,443,105	9,005,771	124,841	19,241	393,820	143,917	755,515	4,754,801
1991	17,552,353	11,829,270	10,027,117	151,806	32,652	467,472	192,823	957,398	5,723,083
1992	19,047,464	12,729,720	10,863,940	194,722	38,504	506,720	159,240	966,594	6,317,744

1/ Not separately identified but included under "Other S&E activities."

2/ For fiscal years (FYs) 1979 and 1981 through 1983, total and non-S&E obligations were estimated on the basis of revised data from the Department of Education. The decrease between FYs 1989 and 1990 in total obligations is largely attributable to a decline in the Department of Education's student financial assistance obligations (under "Non-S&E activities"), which are funded on a multiyear basis and can fluctuate significantly from year to year.

NOTE: Some trend shifts are related to institutional reclassification. As of 1978, two laboratories that were formerly considered academically administered federally funded research and development centers became part of their respective institutions: Applied Physics Laboratory (Johns Hopkins University) and Applied Research Laboratory (Pennsylvania State University). Data for these laboratories are thus included in the academic figures for 1978-92 but are excluded for prior years. Similarly, Draper Laboratories separated from the Massachusetts Institute of Technology as of fiscal year 1974 to become an independent nonprofit institution; academic data shown for 1963-73 include Draper Laboratories, whereas those for 1974-92 do not.

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1992

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Table 2. Federal obligations for science and engineering research and development to universities and colleges, by geographic division and State: fiscal years 1985-92

[Dollars in thousands]

Geographic division and State	1985	1986	1987	1988	1989	1990	1991	1992
United States, total	6,246,181	6,456,743	7,241,001	7,719,162	8,522,555	9,005,771	10,027,117	10,863,940
New England, total	737,777	757,600	819,318	840,017	941,872	971,467	1,055,247	1,133,376
Connecticut	144,455	146,545	174,433	175,972	188,744	189,462	198,672	220,981
Maine	7,166	6,449	8,518	6,618	9,090	10,152	9,740	10,363
Massachusetts	496,981	508,166	536,955	545,068	629,070	635,952	698,219	749,908
New Hampshire	27,750	30,564	34,573	36,766	37,007	52,386	55,501	62,852
Rhode Island	42,131	43,646	40,731	47,349	49,525	51,828	55,243	56,281
Vermont	19,294	22,230	24,108	28,244	28,436	31,687	37,872	32,991
Middle Atlantic, total	1,108,296	1,131,083	1,268,422	1,352,552	1,449,106	1,527,674	1,718,740	1,808,371
New Jersey	83,023	86,000	97,785	104,853	120,932	139,264	150,569	162,478
New York	680,273	671,899	752,897	795,186	843,497	851,970	917,093	974,764
Pennsylvania	345,000	373,184	417,740	452,513	484,677	536,440	651,078	671,129
East North Central, total	862,398	873,105	980,913	1,017,478	1,138,247	1,195,813	1,342,249	1,452,787
Illinois	250,394	262,640	297,266	301,297	324,405	335,877	362,285	375,129
Indiana	101,734	100,144	111,184	111,779	131,315	137,754	155,882	176,443
Michigan	178,920	183,814	213,474	233,121	259,265	274,026	313,736	356,620
Ohio	171,831	179,050	199,011	210,593	238,131	250,885	291,113	305,189
Wisconsin	149,519	147,457	159,978	160,688	185,131	197,271	219,233	235,406
West North Central, total	359,097	360,139	410,069	428,857	472,065	519,933	598,788	642,100
Iowa	69,926	74,279	81,722	89,074	103,214	106,735	124,814	128,927
Kansas	31,198	33,239	35,863	37,228	39,105	44,005	50,895	55,542
Minnesota	104,471	102,293	121,588	123,621	133,439	141,711	172,991	179,822
Missouri	108,629	111,289	129,483	137,276	150,269	169,883	181,893	204,247
Nebraska	26,979	24,524	28,464	25,763	27,462	29,379	42,824	40,864
North Dakota	12,625	9,479	8,109	11,044	11,715	22,429	18,666	21,393
South Dakota	5,269	5,036	4,840	4,851	6,861	5,791	6,705	7,305
South Atlantic, total	1,005,957	1,087,279	1,218,784	1,387,350	1,480,512	1,578,357	1,756,029	1,913,218
Delaware	12,221	12,863	12,067	15,261	16,333	17,922	19,688	26,712
District of Columbia	56,320	49,955	61,057	72,668	71,761	78,658	91,879	87,079
Florida	113,479	121,231	148,757	185,626	196,397	180,487	217,377	242,438
Georgia	118,581	128,772	145,144	168,371	183,963	176,210	193,805	217,905
Maryland	375,086	415,943	460,057	522,341	514,747	588,465	622,221	670,737
North Carolina	184,060	194,999	228,096	246,688	287,838	305,690	340,513	383,938
South Carolina	33,188	32,726	33,516	35,595	38,927	42,668	54,996	60,296
Virginia	103,168	101,082	118,161	126,596	155,454	166,017	181,839	195,471
West Virginia	9,854	9,708	11,929	14,204	15,092	22,240	33,711	28,642
East South Central, total	205,350	219,146	270,537	290,579	312,589	337,519	393,861	424,616
Alabama	70,944	79,921	100,553	106,502	123,373	129,563	155,818	165,504
Kentucky	27,186	27,974	30,721	31,965	37,620	38,098	46,190	56,160
Mississippi	25,150	22,979	31,825	37,891	36,227	36,134	42,970	43,614
Tennessee	82,070	88,272	107,438	114,221	115,369	133,724	148,883	159,338
West South Central, total	420,655	434,494	485,424	517,088	590,849	593,853	677,292	779,822
Arkansas	15,323	14,527	15,487	15,599	19,643	23,537	25,785	29,492
Louisiana	51,373	47,715	59,619	61,456	100,418	68,774	101,680	105,391
Oklahoma	27,880	29,468	32,215	25,495	30,968	35,607	33,148	53,102
Texas	326,079	342,784	378,103	414,538	439,820	465,935	516,679	591,837
Mountain, total	345,949	366,578	392,342	412,334	480,246	533,676	590,659	643,632
Arizona	64,672	65,808	80,345	83,490	103,319	115,683	126,362	137,154
Colorado	104,640	108,473	129,826	145,900	147,301	168,905	185,613	213,474
Idaho	5,757	5,296	6,998	8,647	10,424	10,381	13,694	14,904
Montana	8,549	8,015	8,766	8,554	10,414	13,041	16,216	18,824
Nevada	10,189	10,895	14,955	13,856	16,188	23,022	21,909	25,062
New Mexico	60,630	79,466	55,058	56,163	74,134	70,006	86,395	88,916
Utah	76,557	81,627	86,950	86,648	108,117	122,907	129,584	132,592
Wyoming	16,955	6,998	9,444	9,076	10,349	9,731	10,886	12,706

See explanatory information, if any, and SOURCE at end of table.

Table 2. Federal obligations for science and engineering research and development to universities and colleges, by geographic division and State: fiscal years 1985-92

[Dollars in thousands]

Geographic division and State	1985	1986	1987	1988	1989	1990	1991	1992
Pacific, total	1,188,994	1,234,207	1,379,461	1,457,359	1,637,196	1,725,685	1,868,719	2,036,637
Alaska	12,214	14,645	15,373	15,928	15,111	25,060	25,441	27,805
California	908,141	953,989	1,057,440	1,109,851	1,258,906	1,316,685	1,398,653	1,547,263
Hawaii	33,656	29,196	39,410	39,651	47,913	48,231	47,291	49,740
Oregon	70,068	71,764	84,038	91,133	90,801	95,927	124,579	133,692
Washington	164,915	164,613	183,200	200,796	224,465	239,782	272,755	278,137
Outlying Areas, total	11,708	13,112	15,731	15,548	19,873	21,794	25,533	29,381
Guam	1,138	1,165	1,107	1,096	1,193	1,320	1,325	1,656
Puerto Rico	9,045	10,268	12,678	12,354	16,561	18,000	21,650	25,099
American Samoa	115	290	340	365	290	592	657	680
Virgin Islands	931	916	1,026	1,091	1,052	1,053	1,048	1,167
Trust Territory Pacific Islands	479	473	580	642	777	829	853	779

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1992

Table 3. Federal obligations for science and engineering research and development to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1992

[Dollars in thousands]

Institution	Total	USDA	Com	DoD research 1/	DoD develop-ment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Total, all institutions	10,863,940	464,577	66,889	838,920	475,511	104,644	642,160	135,367	5,785,765	605,554	1,604,094	140,459
1 Johns Hopkins University	534,128	115	342	12,177	271,369	1,778	5,367	586	224,631	7,641	9,836	286
2 MA Inst of Technology	249,852	634	1,295	41,877	12,910	464	51,355	1,650	57,657	36,246	42,971	2,793
3 Stanford University	246,589	0	0	33,538	0	0	22,257	1,212	111,276	52,878	25,247	121
4 University of Washington	245,428	3,690	3,599	5,380	5,200	838	9,295	790	169,464	7,942	36,282	2,948
5 University of Michigan	210,000	1,286	1,512	14,357	1,071	490	8,971	2,443	138,067	10,777	28,741	2,285
6 U CA Los Angeles	202,754	145	0	11,368	2,288	2,727	19,799	223	139,408	8,263	17,867	666
7 U CA San Diego	202,477	606	60	22,933	455	0	8,619	450	115,388	20,603	32,931	432
8 U CA San Francisco	195,156	361	0	3,042	294	600	3,000	140	184,764	1,136	1,819	0
9 U WI Madison	192,414	11,237	120	7,285	60	0	17,779	767	98,768	13,504	41,941	953
10 Columbia University	190,310	0	767	8,297	0	175	7,426	421	132,397	6,237	33,621	969
Total 1st 10 institutions	2,469,108	18,074	7,695	160,314	293,647	7,072	153,868	8,682	1,371,820	165,227	271,256	11,453
11 University of PA	178,002	852	0	9,067	4,500	3,237	5,855	0	135,967	175	18,324	25
12 University of Minnesota	177,182	9,898	711	18,854	0	6,618	5,119	2,891	101,809	2,714	27,149	1,419
13 Harvard University	176,967	373	0	8,295	150	515	4,914	2,220	132,369	5,032	22,622	477
14 Yale University	172,304	927	0	6,359	0	0	9,238	102	143,359	1,017	11,292	10
15 University of Pittsburgh	164,183	345	0	5,976	16,983	2,624	2,038	2,703	127,741	1,221	4,452	100
16 Cornell University	162,177	12,035	219	12,321	218	0	4,423	496	78,838	7,731	44,899	997
17 U CA Berkeley	154,682	11,752	121	15,554	280	8,875	4,927	440	51,629	23,643	35,854	1,607
18 Pennsylvania State U	148,172	9,887	166	33,050	21,185	1,274	4,518	1,734	41,300	11,991	17,810	5,257
19 University of Colorado	147,935	244	8,127	8,094	293	2,618	4,386	968	78,903	17,890	25,532	880
20 U Southern California	141,449	0	328	32,763	9,236	1,066	1,850	105	77,903	2,643	14,307	1,248
Total 1st 20 institutions	4,092,161	64,387	17,367	310,647	346,492	33,899	201,136	20,341	2,341,638	239,284	493,497	23,473
21 Duke University	139,864	533	30	5,634	642	0	4,850	2,113	112,878	339	12,698	147
22 Washington University	134,336	1,291	42	2,344	129	0	1,487	269	117,687	3,626	7,411	50
23 U NC Chapel Hill	130,144	350	0	3,916	0	541	1,301	5,342	108,908	513	8,913	360
24 U IL Urbana	111,061	10,411	0	10,390	974	80	13,122	879	21,473	3,162	50,520	50
25 U TX Austin	110,616	536	126	14,903	39,100	0	13,563	311	16,610	7,404	17,352	711
26 University of Arizona	106,229	5,191	137	5,775	1,797	363	2,445	475	52,929	18,168	16,188	2,761
27 University of Rochester	103,020	200	0	4,013	250	163	17,490	0	70,997	1,610	8,297	0
28 University of Chicago	98,668	0	0	2,130	0	0	4,269	0	66,461	5,823	19,985	0
29 California Inst of Tech	97,956	0	99	17,647	32	0	10,217	0	16,542	10,800	41,288	1,331
30 New York University	96,349	2	0	7,154	362	224	4,076	7,280	71,211	407	5,633	0
Total 1st 30 institutions	5,220,404	82,901	17,801	384,553	389,778	35,270	273,956	37,010	2,997,334	291,136	681,782	28,883
31 University of Florida	92,533	9,459	1,140	27,158	1,674	0	2,798	915	38,252	2,437	7,096	1,604
32 University of Iowa	92,133	412	224	2,772	219	293	664	417	71,032	9,409	6,519	172
33 U CA Davis	90,500	7,907	0	1,772	0	698	15,255	814	47,216	2,044	13,553	1,241
34 Ohio State University	90,377	9,597	883	5,581	0	3,476	4,181	1,221	37,766	4,392	15,185	8,095
35 Case Western Reserve U	88,518	96	0	3,498	0	501	290	0	72,842	6,511	4,780	0
36 Indiana University	88,348	91	490	1,260	0	323	13,615	423	52,636	735	18,205	570
37 Baylor Col of Medicine	84,947	9,038	0	518	0	939	1,305	90	71,960	812	285	0
38 Vanderbilt University	84,390	45	0	4,754	0	1,212	783	10	71,511	1,523	4,502	50
39 U Alabama Birmingham	84,055	0	0	0	0	580	595	125	74,452	4,123	4,180	0
40 Boston University	79,255	140	0	7,063	3,082	2,142	2,500	244	52,368	1,903	9,813	0
Total 1st 40 institutions	6,095,460	119,686	20,538	438,929	394,753	45,434	315,942	41,269	3,587,369	325,025	765,900	40,615

See explanatory information, if any, and SOURCE at end of table.

Table 3. Federal obligations for science and engineering research and development to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1992

[Dollars in thousands]

Institution	Total	USDA	Com	DoD research 1/	DoD devel-opment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
41 Northwestern University	78,553	50	122	8,596	0	2,051	3,974	0	45,501	1,132	16,527	600
42 University of Virginia	77,182	0	272	3,883	997	1,524	3,083	482	48,030	6,244	11,203	1,464
43 University of Utah	76,441	643	62	3,979	165	0	4,337	86	53,214	690	11,411	1,854
44 Yeshiva University NY	73,413	0	0	0	0	155	0	0	73,006	0	252	0
45 Woods Hole Oceangraphic	72,601	0	1,262	33,003	0	0	1,385	387	0	1,697	34,002	865
46 U MD College Park	71,868	4,737	2,656	10,315	959	304	8,512	1,779	7,140	15,760	19,336	370
47 University of Miami	71,329	0	2,436	4,411	0	621	184	638	52,109	2,074	8,856	0
48 Purdue University	71,298	11,397	139	4,257	27	0	10,687	501	19,538	3,337	19,714	1,701
49 Michigan State University	70,464	14,714	60	1,506	161	1,360	4,279	487	20,874	375	24,260	2,388
50 Emory University	65,424	0	0	1,206	0	223	219	0	61,197	161	2,418	0
Total 1st 50 institutions	6,824,033	151,227	27,547	510,085	397,062	51,672	352,602	45,629	3,967,978	356,495	913,879	49,857
51 Carnegie Mellon U	63,586	120	25	24,402	1,597	0	5,035	737	7,678	4,610	18,352	1,030
52 U CA Irvine	63,114	0	0	7,376	0	0	4,864	38	36,589	2,905	11,193	149
53 U TX SW Med Ctr Dallas	60,673	520	0	0	0	0	18	0	58,696	1,094	345	0
54 Texas A&M University	58,778	12,853	1,029	4,382	50	98	6,252	1,174	13,432	4,531	13,871	1,106
55 SUNY at Stony Brook	57,915	14	0	2,388	5	0	4,454	216	33,699	1,877	15,262	0
56 Rutgers the St U of NJ	57,574	5,837	564	5,172	120	1,500	2,565	441	22,748	1,358	13,967	3,302
57 Princeton University	55,524	0	3,076	10,352	60	0	6,505	240	13,255	5,347	16,500	189
58 NC State U Raleigh	55,126	10,991	1,286	5,000	322	570	1,955	2,654	6,406	4,736	16,772	4,434
59 University of Cincinnati	53,039	0	0	2,074	0	135	432	3,633	40,847	2,045	3,873	0
60 Oregon State University	52,253	14,439	1,055	3,888	0	0	1,313	2,763	7,876	4,190	13,246	3,483
Total 1st 60 institutions	7,401,615	196,001	34,582	575,119	399,216	53,975	385,995	57,525	4,209,204	389,188	1,037,260	63,550
61 U MD Balt Prof Schl	51,943	0	0	616	0	50	0	440	50,119	0	718	0
62 CUNY Mt Sinai Schl of Med	51,178	0	0	0	0	350	298	0	49,863	389	278	0
63 Colorado State University	50,486	8,591	2,968	2,800	122	253	1,865	338	18,060	2,728	10,552	2,209
64 Utah State University	50,397	2,979	53	7,977	20,773	482	20	366	4,111	11,092	1,825	719
65 U CA Santa Barbara	49,055	343	108	10,591	301	366	3,258	563	6,169	4,566	21,873	917
66 U IL Chicago	47,074	442	0	1,487	0	758	924	194	38,028	322	4,919	0
67 University of Georgia	46,752	10,673	0	1,014	0	0	11,097	1,873	11,018	288	9,440	1,349
68 Louisiana State U	46,056	6,983	846	1,504	0	0	4,103	705	24,083	934	5,649	1,249
69 Georgia Institute of Tech	45,823	40	174	18,154	8,611	0	971	3,340	3,013	3,086	8,313	121
70 Virginia Commonwealth U	45,448	0	0	158	0	912	288	0	43,105	509	476	0
Total 1st 70 institutions	7,885,827	226,052	38,731	619,420	429,023	57,146	408,819	65,344	4,456,773	413,102	1,101,303	70,114
71 Oregon Hlth Sciences U	45,293	107	0	379	0	75	10,000	107	34,303	34	288	0
72 University of Kentucky	45,219	7,029	42	749	0	0	4,540	201	25,692	228	5,801	937
73 Tufts University	44,355	12,373	0	417	0	128	765	3,370	25,255	169	1,876	2
74 U TX Hlth Sci Ctr S Anto	44,186	0	0	428	0	0	0	0	43,068	110	580	0
75 University of Connecticut	43,477	2,156	1,643	2,095	0	1,500	1,426	535	29,990	402	3,594	136
76 New Mexico State U	42,619	3,635	62	1,402	8,547	0	7,221	77	2,545	15,967	2,459	704
77 U Hawaii Manoa	41,139	4,899	0	3,507	0	0	0	20	11,431	6,647	13,853	782
78 U Med & Dent of NJ	41,046	0	0	80	0	200	300	1,049	37,867	376	874	500
79 U TX MD Anderson Cancer	40,442	0	0	65	0	0	0	106	40,176	0	95	0
80 Wayne State University	40,171	0	0	411	40	495	616	0	34,692	197	3,719	1
Total 1st 80 institutions	8,313,774	256,251	40,478	628,953	437,610	59,544	433,687	70,809	4,741,592	437,232	1,134,442	73,176

See explanatory information, if any, and SOURCE at end of table.

Table 3. Federal obligations for science and engineering research and development to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1992

[Dollars in thousands]

Institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
81 SUNY at Buffalo	40,128	10	999	7,207	0	0	640	0	23,794	543	6,935	0
82 Dartmouth College	40,035	325	0	1,896	0	0	922	182	32,080	814	3,774	42
83 University of New Mexico	38,624	12	0	6,094	8,295	0	1,575	490	13,710	1,173	7,043	232
84 U Missouri Columbia	38,005	9,439	0	977	0	0	11,282	252	11,998	136	3,441	480
85 U MA Med Schl Worcester	37,937	0	0	2,908	1,926	0	6	0	32,736	0	361	0
86 Rockefeller University	37,512	0	0	205	0	0	1,090	100	35,452	0	665	0
87 Wake Forest University	36,901	200	220	313	0	0	90	0	35,459	149	470	0
88 Florida State University	36,794	120	454	1,901	0	71	10,949	645	3,825	2,051	16,403	375
89 Georgetown University	36,514	519	27	1,310	0	610	405	36	31,149	15	1,403	1,040
90 Brown University	35,819	0	66	6,909	0	50	2,791	0	13,508	1,309	11,002	184
Total 1st 90 institutions	8,692,043	266,876	42,244	658,673	447,831	60,275	463,437	72,514	4,975,303	443,422	1,185,939	75,529
91 VA Polytech Inst & St U	35,678	6,878	94	4,379	50	0	5,666	793	3,413	3,902	6,949	3,554
92 U TX Hlth Sci Ctr Houstn	35,209	130	0	582	0	0	507	191	32,621	740	438	0
93 University of Kansas	34,480	19	0	926	0	2,776	1,850	229	22,049	928	5,516	187
94 Iowa State University	34,054	14,656	1,700	907	0	0	1,630	1,279	5,537	769	5,247	2,329
95 Thomas Jefferson U	33,405	0	0	264	0	1,125	274	144	31,048	0	550	0
96 Tulane University	33,039	88	0	323	0	0	535	157	26,663	119	1,548	3,606
97 U VT & State Agric Col	32,272	4,500	0	376	161	0	500	459	24,204	0	1,843	229
98 U MA Amherst	31,174	4,023	327	4,957	0	0	1,326	216	6,823	1,553	11,863	86
99 U Tennessee Knoxville	29,584	6,744	0	1,140	0	0	11,443	540	3,934	1,246	4,345	192
100 U TX Med Brnch Galveston	29,238	33	0	296	0	0	216	510	27,411	478	294	0
Total 1st 100 institutions	9,020,176	303,947	44,365	672,823	448,042	64,176	487,384	77,032	5,159,006	453,157	1,224,532	85,712

1/ In this table Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments.

2/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

NOTE: Does not include R&D obligations to university-administered federally funded research and development centers

KEY:
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
Ed = Department of Education
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1992

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Table 4. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1992

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
United States, total	10,863,940	464,577	66,889	838,920	475,511	104,644	642,160	135,367	5,785,765	605,554	1,604,094	140,459
Alabama, total	165,504	12,196	97	8,057	3,353	580	13,970	657	87,766	26,956	10,352	1,520
AL Aviation & Tech Col	69	0	0	0	0	0	0	0	0	0	69	0
Alabama A & M University	6,723	2,805	0	471	400	0	153	0	50	1,373	1,226	245
Alabama State University	167	0	0	130	0	0	0	0	0	0	37	0
Auburn University	19,244	6,985	57	2,323	190	0	797	127	1,192	5,041	1,699	833
Chauncey Sparks St Tech	1,600	0	0	0	0	0	1,600	0	0	0	0	0
Jacksonville State U	12	0	0	0	0	0	0	0	0	0	12	0
Oakwood College	198	0	0	0	0	0	0	0	0	26	172	0
Selma University	139	0	0	0	0	0	139	0	0	0	0	0
Troy St U Main	60	0	0	0	0	0	0	0	0	0	60	0
Tuskegee University	5,345	2,294	0	307	50	0	76	0	1,232	719	517	150
U Alabama Birmingham	84,055	0	0	0	0	580	595	125	74,452	4,123	4,180	0
U Alabama Huntsville	17,079	0	40	199	108	0	0	405	134	15,324	869	0
U South Alabama	7,904	12	0	0	0	0	51	0	7,212	0	629	0
University of Alabama	22,909	100	0	4,627	2,605	0	10,559	0	3,494	350	882	292
Alaska, total	27,805	1,384	2,288	272	60	0	799	6	1,149	8,418	11,351	2,078
U Alaska Anchorage	1,136	0	0	272	50	0	0	0	737	0	5	62
U Alaska Fairbanks	25,653	1,384	2,268	0	0	0	799	6	412	8,418	11,346	1,020
U Alaska Southeast	35	0	0	0	0	0	0	0	0	0	0	35
U Alaska System Off	981	0	20	0	0	0	0	0	0	0	0	961
Arizona, total	137,154	6,222	149	8,597	1,832	1,138	4,146	797	59,198	21,149	29,408	4,518
Arizona State University	23,421	288	12	2,822	35	145	1,661	145	5,815	2,384	9,316	798
Maricopa CC Sys Off	1,315	102	0	0	0	0	0	0	0	0	1,213	0
Navajo Community College	134	0	0	0	0	0	0	0	0	134	0	0
Northern Arizona U	6,049	635	0	0	0	630	40	177	454	463	2,691	959
South Mountain Cmty Col	6	6	0	0	0	0	0	0	0	0	0	0
University of Arizona	106,229	5,191	137	5,775	1,797	363	2,445	475	52,929	18,168	16,188	2,761
Arkansas, total	29,492	9,365	0	979	0	1,879	868	466	12,133	121	2,986	695
Arkansas College	59	0	0	0	0	0	0	0	0	15	44	0
Arkansas State University	6	6	0	0	0	0	0	0	0	0	0	0
Arkansas Tech University	20	20	0	0	0	0	0	0	0	0	0	0
Harding U All Campuses	24	0	0	0	0	0	0	0	0	24	0	0
Henderson State U	125	0	0	0	0	0	0	0	0	0	125	0
Ouachita Baptist U	69	0	0	69	0	0	0	0	0	0	0	0
Southern Arkansas U	84	0	0	0	0	0	0	61	0	0	23	0
U Arkansas Fayetteville	13,797	7,404	0	910	0	1,879	346	88	551	82	2,315	222
U Arkansas Little Rock	1,443	0	0	0	0	0	222	0	687	0	101	133
U Arkansas Pine Bluff	1,591	1,496	0	0	0	0	0	0	0	0	83	12
U Arkansas Sys Off	647	319	0	0	0	0	0	0	0	0	0	328
U Arkansas for Med Sci	11,627	120	0	0	0	0	0	317	10,895	0	295	0
California, total	1,547,263	25,191	2,990	162,916	12,886	15,879	108,223	5,240	819,918	139,125	246,028	8,867
Azusa Pacific University	49	0	0	49	0	0	0	0	0	0	0	0
CA Poly St U San Luis Ob	770	77	86	117	0	0	0	0	0	304	186	0
CA St Poly U Pomona	751	35	0	0	0	0	0	0	0	0	716	0
CA St U Bakersfield	190	0	0	0	0	0	39	0	0	0	151	0
CA St U Chico	69	0	0	0	0	0	0	0	69	0	0	0
CA St U Dominguez Hills	376	0	0	0	0	0	0	0	0	0	376	0
CA St U Fresno	795	212	0	0	0	0	0	0	0	89	494	0
CA St U Fullerton	1,861	0	0	0	0	0	90	0	425	52	1,294	0
CA St U Hayward	274	50	0	0	0	0	0	160	0	50	14	0
CA St U Long Beach	1,778	0	0	0	0	0	0	200	1,018	100	460	0

See explanatory information, if any, and SOURCE at end of table.

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Table 4. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1992

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
California, continued:												
CA St U Los Angeles	3,097	0	0	43	0	0	0	0	410	13	2,631	0
CA St U Northridge	1,233	0	0	0	0	0	122	0	278	111	722	0
CA St U Sacramento	231	0	0	0	0	0	40	0	98	0	93	0
CA St U San Bernardino	1,430	0	0	0	0	0	0	0	92	0	1,338	0
CA St U Stanislaus	40	0	0	0	0	0	40	0	0	0	0	0
California Inst of Tech	97,956	0	99	17,647	32	0	10,217	0	16,542	10,800	41,288	1,331
California Lutheran U	92	0	0	0	0	0	0	0	0	0	92	0
Charles Drew U Med & Sci	5,238	0	0	0	0	0	0	0	5,138	0	0	100
Claremont Graduate Schl	10	0	0	0	0	0	0	0	0	0	10	0
Claremont McKenna College	28	0	0	0	0	0	0	0	0	28	0	0
D-Q University	124	0	0	0	0	0	107	0	0	0	15	2
Deep Springs College	67	0	0	0	0	0	0	0	0	0	67	0
East Los Angeles College	552	0	0	0	0	0	0	0	0	0	552	0
Foothill Deanza CC SO	234	0	0	0	0	0	0	0	0	234	0	0
Harvey Mudd College	421	0	0	0	0	0	0	0	0	32	389	0
Humboldt State University	1,246	383	0	0	0	0	0	0	0	0	408	455
Loma Linda University	13,373	0	0	0	0	0	10,000	562	2,701	0	92	18
Merritt College	76	0	0	0	0	0	0	0	76	0	0	0
Mills College	205	0	0	0	0	0	0	0	0	0	205	0
Natl Hispanic University	98	0	0	0	0	0	98	0	0	0	0	0
Occidental College	426	0	0	66	0	0	0	0	110	0	250	0
Pepperdine University	51	0	0	0	0	0	0	0	0	0	51	0
Pitzer College	186	0	0	0	0	0	0	0	186	0	0	0
Point Loma Nazarene Col	27	0	0	0	0	0	0	0	0	0	27	0
Pomona College	478	10	0	0	0	0	0	0	315	0	153	0
San Diego State U	13,586	338	20	2,415	0	0	326	133	7,556	525	2,106	167
San Francisco State U	5,418	170	0	191	0	194	106	0	1,446	297	2,974	40
San Jose State University	9,097	0	166	328	0	0	55	0	130	5,048	3,370	0
Santa Clara University	509	0	0	0	0	0	0	0	0	208	301	0
Scripps College	108	0	0	0	0	0	0	0	108	0	0	0
Sonoma State University	61	0	0	0	0	0	0	0	0	61	0	0
Stanford University	246,589	0	0	33,598	0	0	22,257	1,212	111,276	52,878	25,247	121
U CA Berkeley	154,682	11,752	121	15,554	280	8,875	4,927	440	51,629	23,643	35,854	1,607
U CA Davis	90,500	7,907	0	1,772	0	698	15,255	814	47,216	2,044	13,553	1,241
U CA Irvine	63,114	0	0	7,376	0	0	4,864	38	36,589	2,905	11,193	149
U CA Los Angeles	202,754	145	0	11,368	2,288	2,727	19,799	223	139,408	8,263	17,867	666
U CA Riverside	15,804	2,792	0	384	0	353	1,604	200	6,149	315	3,907	100
U CA San Diego	202,477	606	60	22,933	455	0	8,619	450	115,388	20,603	32,931	432
U CA San Francisco	195,156	361	0	3,042	294	600	3,000	140	184,764	1,136	1,819	0
U CA Santa Barbara	49,055	343	108	10,591	301	366	3,258	563	6,169	4,566	21,873	917
U CA Santa Cruz	17,020	10	0	2,129	0	1,000	1,550	0	4,831	1,103	6,285	112
U CA Sys Adm Cntrl Off	2,942	0	2,002	0	0	0	0	0	0	779	0	161
U San Francisco	1,114	0	0	0	0	0	0	0	563	295	256	0
U Southern California	141,449	0	328	32,763	9,236	1,066	1,850	105	77,903	2,643	14,307	1,248
University of Redlands	20	0	0	0	0	0	0	0	0	0	20	0
University of San Diego	1,023	0	0	522	0	0	0	0	489	0	12	0
University of the Pacific	880	0	0	28	0	0	0	0	846	0	6	0
West Valley College	51	0	0	0	0	0	0	0	0	0	51	0
Whittier College	22	0	0	0	0	0	0	0	0	0	22	0
Colorado, total	213,474	8,835	11,095	14,523	651	3,355	7,107	2,697	99,074	22,299	40,187	3,651
Adams State College	48	0	0	0	0	0	48	0	0	0	0	0
Colorado College	63	0	0	0	0	0	0	0	0	0	63	0
Colorado School of Mines	5,533	0	0	1,317	236	0	567	1,168	0	119	1,609	517
Colorado State University	50,486	8,591	2,968	2,800	122	253	1,865	338	18,060	2,728	10,552	2,209

See explanatory information, if any, and SOURCE at end of table.

Table 4. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1992

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Colorado, continued:												
Fort Lewis College	240	0	0	0	0	0	0	0	0	0	216	24
Natl Technological U CO	100	0	0	0	0	0	100	0	0	0	0	0
Regis College CO	78	0	0	0	0	0	0	0	78	0	0	0
St Thomas Seminary	475	0	0	475	0	0	0	0	0	0	0	0
U Northern Colorado	844	0	0	0	0	484	0	0	0	0	340	20
U Southern Colorado	980	0	0	0	0	0	41	0	0	537	402	0
University of Colorado	147,935	244	8,127	8,094	293	2,618	4,386	968	78,903	17,890	25,532	880
University of Denver	6,692	0	0	1,837	0	0	100	223	2,033	1,025	1,473	1
Connecticut, total	220,981	3,083	1,643	8,532	0	1,500	10,774	637	175,115	1,419	18,132	146
Central Connecticut St U	81	0	0	0	0	0	0	0	0	0	81	0
Connecticut College	4	0	0	0	0	0	0	0	0	0	4	0
Fairfield University	88	0	0	0	0	0	30	0	0	0	58	0
Quinnipiac College	251	0	0	0	0	0	0	0	251	0	0	0
Sacred Heart University	505	0	0	0	0	0	40	0	0	0	465	0
Southern Connecticut St U	160	0	0	0	0	0	0	0	50	0	110	0
Trinity College CT	208	0	0	0	0	0	40	0	0	0	168	0
University of Connecticut	43,477	2,156	1,643	2,095	0	1,500	1,426	535	29,990	402	3,594	136
University of Hartford	685	0	0	0	0	0	0	0	0	0	685	0
University of New Haven	34	0	0	0	0	0	0	0	0	0	34	0
Wesleyan University	3,184	0	0	78	0	0	0	0	1,465	0	1,641	0
Yale University	172,304	927	0	6,359	0	0	9,238	102	143,359	1,017	11,292	10
Delaware, total	26,712	2,354	634	8,110	0	1,020	1,103	688	3,576	1,464	7,580	183
Delaware State University	1,065	763	0	49	0	0	40	0	180	33	0	0
University of Delaware	25,647	1,591	634	8,061	0	1,020	1,063	688	3,396	1,431	7,580	183
District of Columbia, total	87,079	1,241	387	4,311	163	10,258	1,447	595	52,111	5,650	8,814	2,102
American University	1,194	0	42	353	0	0	0	0	243	35	521	0
Catholic U of America	3,742	70	164	469	30	0	255	0	474	726	1,501	53
Gallaudet University	4,281	0	0	0	0	3,570	0	0	475	0	236	0
George Washington U	19,828	0	154	853	0	963	742	189	13,140	2,540	797	450
Georgetown University	36,514	519	27	1,310	0	610	405	36	31,149	15	1,403	1,040
Howard University	19,433	154	0	1,113	133	5,115	45	360	6,552	1,667	3,836	458
University of DC	2,087	498	0	213	0	0	0	10	78	667	520	101
Florida, total	242,438	11,653	4,420	39,657	2,679	1,887	14,511	3,901	106,973	11,989	40,987	3,781
Bethune Cookman College	110	0	0	0	0	0	0	0	110	0	0	0
Eckerd College	28	0	0	0	0	0	0	0	0	3	25	0
Embry Riddle Aeronautcl U	736	0	0	0	0	0	0	0	0	129	262	345
Florida A&M University	7,314	1,929	0	869	84	78	95	0	1,697	1,029	1,508	25
Florida Atlantic U	5,128	0	136	1,025	40	0	96	0	1,012	1,510	1,099	210
Florida Inst of Tech	1,693	0	0	176	0	0	20	75	876	286	260	0
Florida International U	2,754	0	0	960	53	0	80	40	759	150	632	80
Florida State University	36,794	120	454	1,901	0	71	10,949	645	3,825	2,051	16,403	375
Nova University	508	0	33	40	0	0	0	0	0	0	435	0
Pensacola Junior College	40	0	0	0	0	0	40	0	0	0	0	0
St Petersburg Junior Col	25	0	0	0	0	0	0	0	0	0	25	0
State U System of FL Off	28	0	28	0	0	0	0	0	0	0	0	0
Stetson University	112	0	0	0	0	0	0	0	0	0	112	0
U Central Florida	5,799	0	0	1,996	452	0	0	110	483	1,185	1,573	0
U South Florida	15,588	125	99	1,121	376	1,117	249	238	7,402	1,135	2,584	1,142
U West Florida	1,586	0	94	0	0	0	0	1,240	252	0	0	0
University of Florida	92,533	9,459	1,140	27,158	1,674	0	2,798	915	38,252	2,437	7,096	1,604
University of Miami	71,329	0	2,436	4,411	0	621	184	638	52,109	2,074	8,856	0
University of N Florida	313	0	0	0	0	0	0	0	196	0	117	0

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Table 4. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1992

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Florida, continued:												
University of Tampa	20	20	0	0	0	0	0	0	0	0	0	0
Georgia, total	217,905	13,147	650	36,051	16,692	320	14,371	8,636	97,142	4,692	23,970	2,234
Atlanta University Center	139	0	0	0	0	0	139	0	0	0	0	0
Berry College	15	0	0	0	0	0	0	0	0	0	15	0
Clark Atlanta University	23,201	85	0	14,796	574	0	401	3,127	1,569	882	1,767	0
Emory University	65,424	0	0	1,206	0	223	219	0	61,197	161	2,418	0
Fort Valley State College	2,554	2,108	0	0	0	0	346	0	0	0	100	0
Georgia Institute of Tech	45,823	40	174	18,154	8,611	0	971	3,340	3,013	3,086	8,313	121
Georgia Southern U	698	54	0	0	0	0	0	0	549	15	80	0
Georgia Southwestern Col	20	0	0	0	0	0	0	0	0	0	20	0
Georgia State University	6,421	0	0	39	0	0	62	181	4,527	180	1,395	37
Inst Paper Sci & Tech	1,047	127	0	0	0	0	920	0	0	0	0	0
Kennesaw College	142	0	0	0	0	0	0	0	111	0	31	0
Medical College GA	8,222	0	0	5	0	0	0	0	8,162	0	55	0
Mercer University	8,086	50	0	0	7,507	0	0	0	523	0	6	0
Morehouse College	523	10	0	0	0	0	0	0	276	0	12	225
Morehouse School of Med	6,369	0	0	0	0	0	136	115	5,979	80	59	0
Morris Brown College	1,002	0	0	837	0	0	40	0	125	0	0	0
Paine College	40	0	0	0	0	0	40	0	0	0	0	0
Spelman College	282	0	0	0	0	0	0	0	93	0	184	5
U System of Georgia	973	0	476	0	0	0	0	0	0	0	0	497
University of Georgia	46,752	10,673	0	1,014	0	0	11,097	1,873	11,018	288	9,440	1,349
Valdosta State University	97	0	0	0	0	97	0	0	0	0	0	0
West Georgia College	75	0	0	0	0	0	0	0	0	0	75	0
Hawaii, total	49,740	5,931	3,730	3,507	0	0	1,617	20	11,499	6,647	13,894	2,895
U Hawaii Hilo	996	955	0	0	0	0	0	0	0	0	41	0
U Hawaii Manoa	41,139	4,899	0	3,507	0	0	0	20	11,431	6,647	13,853	782
U Hawaii System Off	7,543	15	3,730	0	0	0	1,617	0	68	0	0	2,113
U Hawaii West Oahu	62	62	0	0	0	0	0	0	0	0	0	0
Idaho, total	14,904	5,290	6	549	0	87	713	390	809	2,682	1,922	2,456
Boise State University	592	0	0	366	0	0	0	0	0	0	128	98
College of Southern Idaho	1	0	0	0	0	0	0	0	0	0	0	1
Idaho State University	529	14	0	0	0	0	129	0	235	0	96	55
University of Idaho	13,782	5,276	6	183	0	87	584	390	574	2,682	1,698	2,302
Illinois, total	375,129	12,453	923	25,037	1,090	4,354	23,456	1,143	194,608	10,707	99,949	1,409
Augustana College	167	0	0	0	0	0	0	0	82	0	85	0
Bradley University	272	0	0	0	0	0	0	0	0	0	272	0
Chicago State University	227	0	0	0	0	0	0	0	0	114	113	0
City Colleges of Chicago	100	0	0	0	0	0	0	0	0	0	100	0
Columbia College IL	603	0	0	87	0	0	0	0	0	0	516	0
De Paul University	635	0	0	0	0	48	0	0	517	0	72	0
Eastern Illinois U	110	0	0	0	0	0	40	0	0	0	70	0
Elgin Community College	6	0	0	0	0	0	0	0	0	0	0	6
Illinois Benedictine Col	48	0	0	0	0	0	0	0	0	48	0	0
Illinois Inst of Tech	6,765	0	0	1,545	105	94	590	0	3,161	60	1,133	77
Illinois State University	2,716	240	0	0	0	0	0	0	546	0	1,930	0
Joliet Jr College	113	0	0	0	0	0	0	0	0	0	113	0
Knox College	456	0	0	0	0	0	0	0	281	0	175	0
Lake Forest College	269	0	0	0	0	0	0	0	113	0	156	0
Loyola U Chicago	8,962	108	0	139	0	0	0	0	8,340	0	375	0

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Table 4. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1992

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD develop-ment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Illinois, continued:												
Midwestern University	382	0	0	0	0	0	0	0	382	0	0	0
Monmouth College IL	134	0	0	0	0	0	0	0	134	0	0	0
Northeastern Illinois U	10	0	0	0	0	0	0	0	10	0	0	0
Northern Illinois U	3,885	125	0	514	0	681	231	0	939	0	1,357	38
Northwestern University	78,553	50	122	8,596	0	2,051	3,974	0	45,501	1,132	16,527	600
Rush University	739	0	0	0	0	0	0	0	739	0	0	0
Southern IL U Carbondale	5,620	1,006	0	141	11	0	0	0	3,600	46	686	130
Southern IL U Edwardsvle	487	0	0	0	0	0	0	0	0	0	487	0
Trinity College IL	300	0	0	0	0	0	0	0	300	0	0	0
U Hlth Sci Chcgo Med Schl	4,178	0	0	0	0	0	0	0	4,001	0	177	0
U IL Chicago	47,074	442	0	1,487	0	758	924	194	38,028	322	4,919	0
U IL System Office	2,274	15	801	0	0	644	306	0	0	0	0	508
U IL Urbana	111,061	10,411	0	10,390	974	80	13,122	879	21,473	3,162	50,520	50
University of Chicago	98,668	0	0	2,130	0	0	4,269	0	66,461	5,823	19,985	0
Western Illinois U	315	56	0	8	0	0	0	70	0	0	181	0
Indiana, total	178,443	11,585	659	6,730	27	323	29,692	1,252	77,223	4,720	43,829	2,403
Ball State University	429	47	0	0	0	0	0	0	247	0	135	0
Butler University	215	50	0	63	0	0	0	0	0	0	102	0
De Pauw University	9	0	0	0	0	0	0	0	0	9	0	0
Indiana St U All Campuses	513	0	0	0	0	0	40	0	193	89	59	132
Indiana University	88,348	91	490	1,260	0	323	13,615	423	52,636	735	18,205	570
Martin Center College	985	0	0	0	0	0	0	0	985	0	0	0
Purdue University	71,298	11,397	139	4,257	27	0	10,687	501	19,538	3,337	19,714	1,701
Rose Hulman Inst of Tech	383	0	0	0	0	0	0	0	0	127	256	0
St Marys Col IN	15	0	0	0	0	0	0	0	0	15	0	0
Taylor University	90	0	0	0	0	0	0	0	90	0	0	0
U Indianapolis	118	0	0	0	0	0	0	0	90	0	28	0
University of Evansville	18	0	0	0	0	0	0	0	0	18	0	0
University of Notre Dame	15,758	0	30	1,150	0	0	5,205	328	3,444	301	5,300	0
Valparaiso University	264	0	0	0	0	0	145	0	0	89	30	0
Iowa, total	128,927	15,124	1,924	3,679	219	293	2,878	1,696	77,806	10,178	12,603	2,529
Central University Iowa	23	0	0	0	0	0	0	0	0	0	23	0
Coe College	52	0	0	0	0	0	0	0	0	0	25	27
Cornell College	56	56	0	0	0	0	0	0	0	0	0	0
Des Moines Area Cmty Col	1	0	0	0	0	0	0	0	0	0	0	1
Drake University	286	0	0	0	0	0	0	0	0	0	286	0
Grinnell College	112	0	0	0	0	0	0	0	0	0	112	0
Iowa State University	34,054	14,656	1,700	907	0	0	1,630	1,279	5,5[illegible]	769	5,247	2,329
Kirkwood Community Col	535	0	0	0	0	0	0	0	535	0	0	0
Loras College	59	0	0	0	0	0	0	0	0	0	59	0
Luther College	27	0	0	0	0	0	0	0	0	0	27	0
Maharishi Intl University	724	0	0	0	0	0	0	0	702	0	22	0
U Northern Iowa	851	0	0	0	0	0	582	0	0	0	269	0
University of Iowa	92,133	412	224	2,772	219	293	664	417	71,032	9,409	6,519	172
Wartburg College	14	0	0	0	0	0	0	0	0	0	14	0
Kansas, total	59,542	6,456	0	1,188	0	2,777	8,557	1,904	24,641	2,174	10,266	1,579
Emporia State University	268	0	0	0	0	0	0	0	0	62	206	0
Kansas City Kansas CC	1	0	0	0	0	0	0	0	0	0	0	1
Kansas Newman College	1	0	0	0	0	1	0	0	0	0	0	0
Kansas State University	18,790	6,437	0	262	0	0	2,671	1,675	2,166	1,088	4,345	146
Pittsburg State U	4,000	0	0	0	0	0	4,000	0	0	0	0	0
University of Kansas	34,480	19	0	926	0	2,776	1,850	229	22,049	928	5,516	187

See explanatory information, if any, and SOURCE at end of table.

Table 4. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1992

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Kansas, continued:												
Wichita State University	2,002	0	0	0	0	0	36	0	426	96	199	1,245
Kentucky, total	56,160	9,584	42	1,093	0	0	4,721	426	32,080	674	6,588	952
Berea College	29	0	0	0	0	0	0	0	0	0	29	0
Centre College	77	0	0	0	0	0	0	0	0	8	69	0
Eastern Kentucky U	147	0	0	0	0	0	0	0	117	3	27	0
Kentucky State University	2,355	2,345	0	0	0	0	0	0	0	0	0	10
Murray State University	99	0	0	0	0	0	0	0	99	0	0	0
Northern Kentucky U	528	0	0	0	0	0	0	98	305	0	125	0
University of Kentucky	45,219	7,029	42	749	0	0	4,540	201	25,692	228	5,801	937
University of Louisville	7,318	210	0	344	0	0	181	127	5,612	435	404	5
Western Kentucky U	388	0	0	0	0	0	0	0	255	0	133	0
Louisiana, total	105,391	8,622	846	2,811	100	0	21,465	1,339	54,178	1,281	9,431	5,318
Centenary College of LA	38	0	0	0	0	0	0	0	0	0	38	0
Dillard University	100	100	0	0	0	0	0	0	0	0	0	0
Grambling State U	646	0	0	0	0	0	165	0	305	0	129	47
LA St U System Office	6,191	0	0	0	0	0	6,000	0	0	0	0	191
LA U Marine Consortium	320	0	0	0	0	0	320	0	0	0	0	0
Louisiana State U	96,056	6,983	846	1,504	0	0	4,103	705	24,083	934	5,649	1,249
Louisiana Tech University	10,701	156	0	70	0	0	10,000	0	0	0	475	0
Loyola U New Orleans	35	0	0	0	0	0	0	0	0	0	35	0
McNeese State University	296	0	0	0	0	0	0	0	0	0	296	0
Northeast Louisiana U	286	10	0	90	0	0	0	100	76	0	10	0
Northwest State U	112	0	0	0	0	0	0	0	75	37	0	0
Southeastern Louisiana U	145	0	0	0	0	0	0	0	75	0	70	0
Southern U & A&M College	2,685	1,251	0	421	100	0	40	377	0	191	100	205
Tulane University	33,039	88	0	323	0	0	535	157	26,663	119	1,548	3,606
U Southwestern Louisiana	1,979	34	0	100	0	0	100	0	984	0	741	20
Xavier University LA	2,762	0	0	303	0	0	202	0	1,917	0	340	0
Maine, total	10,363	4,066	319	112	0	0	197	785	1,436	153	2,728	567
Bates College	188	0	0	0	0	0	0	0	107	0	81	0
Bowdoin College	200	0	0	0	0	0	0	0	0	72	128	0
Colby College	237	50	0	0	0	0	0	0	92	0	95	0
College of the Atlantic	48	0	0	0	0	0	0	0	0	0	48	0
U Maine Orono	7,755	3,451	0	72	0	0	197	785	611	81	2,333	225
U Maine Presque Isle	62	22	0	40	0	0	0	0	0	0	0	0
U Maine System Office	1,073	543	319	0	0	0	0	0	0	0	0	211
University of Maine Bangr	131	0	0	0	0	0	0	0	0	0	0	131
University of New England	63	0	0	0	0	0	0	0	63	0	0	0
University of S Maine	606	0	0	0	0	0	0	0	563	0	43	0
Maryland, total	670,737	5,816	3,502	23,729	272,380	2,132	14,246	4,303	284,175	24,144	35,136	1,174
Bowie State University	228	0	0	0	52	0	0	0	0	50	126	0
Charles County Cmty Col	14	0	0	0	0	0	0	0	0	14	0	0
Col of Notre Dame MD	123	0	0	0	0	0	0	0	0	0	123	0
Essex Community College	23	0	0	0	0	0	0	0	0	0	23	0
Goucher College	125	0	0	0	0	0	0	0	0	0	125	0
Hood College	22	0	0	0	0	0	0	0	0	0	22	0
Howard Community College	200	0	0	0	0	0	0	0	0	0	200	0
Johns Hopkins University	534,128	115	342	12,177	271,369	1,778	5,367	586	224,631	7,641	9,836	286
Loyola College	704	0	0	0	0	0	0	0	0	0	704	0
Morgan State University	1,650	0	0	50	0	0	130	218	0	230	917	105

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Table 4. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1992

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Maryland, continued:												
Mount St Marys Col MD	3	0	0	0	0	0	0	0	0	3	0	0
Prince Georges Cmty Col	113	0	0	0	0	0	0	0	0	0	113	0
Salisbury State College	84	0	0	0	0	0	0	0	0	0	84	0
St Marys Col MD	154	0	0	0	0	0	0	0	154	0	0	0
Towson State University	830	0	0	0	0	0	0	0	0	0	830	0
U MD Balt Prof Schl	51,943	0	0	616	0	50	0	440	50,119	0	718	0
U MD Baltimore County	4,109	0	0	393	0	0	142	51	1,498	415	1,610	0
U MD College Park	71,868	4,737	2,656	10,315	959	304	8,512	1,779	7,140	15,760	19,336	370
U MD Eastern Shore	1,673	927	0	0	0	0	95	0	365	0	231	55
U MD University Col	236	0	0	178	0	0	0	0	0	0	0	58
U Maryland Sys Off	872	37	504	0	0	0	0	0	0	31	0	300
U of MD Center for EES	1,229	0	0	0	0	0	0	1,229	0	0	0	0
University of Baltimore	268	0	0	0	0	0	0	0	268	0	0	0
Washington College	106	0	0	0	0	0	0	0	0	0	106	0
Western Maryland College	32	0	0	0	0	0	0	0	0	0	32	0
Massachusetts, total	749,908	17,800	3,012	103,029	19,163	4,167	64,572	8,932	332,218	47,606	142,857	6,552
Amherst College	985	0	0	0	0	0	0	0	344	0	641	0
Bentley College	28	0	0	0	0	0	0	0	0	0	28	0
Boston College	4,150	60	0	140	0	0	0	193	2,139	223	1,281	114
Boston University	79,255	140	0	7,063	3,082	2,142	2,500	244	52,368	1,903	9,813	0
Brandeis University	17,632	0	0	223	0	67	641	55	12,101	369	3,082	1,094
Bridgewater State College	885	0	0	0	0	0	0	0	0	0	885	0
Clark University	2,237	0	128	322	0	0	145	354	245	54	563	426
Col of the Holy Cross	302	0	0	0	0	0	0	0	202	0	100	0
Emerson College	167	0	0	0	0	0	0	0	167	0	0	0
Endicott College	102	0	0	0	0	0	0	0	102	0	0	0
Hampshire College	424	0	0	0	0	0	0	0	203	0	221	0
Harvard University	176,967	373	0	8,295	150	515	4,914	2,220	132,369	5,032	22,622	477
Lesley College	577	0	0	0	0	0	0	0	0	0	577	0
MA Col Pharm Allied Hlth	60	0	0	0	0	0	0	0	0	0	60	0
MA Inst of Technology	249,852	634	1,295	41,877	12,910	464	51,355	1,650	57,657	36,246	42,971	2,793
Merrimack College	23	0	0	0	0	0	0	0	0	0	23	0
Mount Holyoke College	1,009	0	0	0	0	0	75	0	106	166	662	0
New England Col Optometry	96	0	0	0	0	0	0	0	96	0	0	0
Northeastern University	13,267	0	0	1,794	0	48	781	118	4,488	18	5,949	71
Radcliffe College	191	0	0	0	0	0	0	0	191	0	0	0
Simmons College	553	0	0	0	0	0	0	0	345	0	208	0
Smith College	872	0	0	0	0	0	0	0	416	0	456	0
Stonehill College	29	0	0	0	0	0	0	0	0	0	29	0
Suffolk University	149	0	0	0	0	149	0	0	0	0	0	0
Tufts University	44,355	12,373	0	417	0	128	765	3,370	25,255	169	1,876	2
U MA Amherst	31,174	4,023	327	4,957	0	0	1,326	216	6,823	1,553	11,863	86
U MA Boston	3,225	197	0	40	0	654	158	0	1,335	0	690	151
U MA Dartmouth	599	0	0	0	0	0	0	0	0	0	599	0
U MA Lowell	4,100	0	0	1,375	319	0	323	0	1,262	22	799	0
U MA Med Schl Worcester	37,937	0	0	2,908	1,926	0	6	0	32,736	0	361	0
U MA System Off	302	0	0	0	0	0	0	0	0	0	0	302
Wellesley College	1,489	0	0	0	0	0	0	125	588	77	660	39
Wentworth Inst of Tech	956	0	0	180	776	0	0	0	0	0	0	0
Western New England Col	56	0	0	0	0	0	0	0	0	0	56	0
Wheaton College MA	116	0	0	0	0	0	0	0	0	32	84	0
Wheelock College	74	0	0	0	0	0	0	0	74	0	0	0
Williams College	1,385	0	0	83	0	0	0	0	491	15	796	0
Woods Hole Oceangraphic	72,601	0	1,262	33,003	0	0	1,385	387	0	1,697	34,002	865

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Table 4. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1992

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Massachusetts, continued:												
Worcester Polytech Inst	1,727	0	0	352	0	0	198	0	115	30	900	132
Michigan, total	358,620	17,012	1,579	19,301	1,447	3,495	14,410	6,629	197,629	31,059	61,187	4,872
Alma College	19	0	0	0	0	0	0	0	0	0	19	0
Andrews University	19	0	0	0	0	0	0	0	0	0	19	0
Bay Mills Community Col	10	10	0	0	0	0	0	0	0	0	0	0
Calvin College	20	0	0	0	0	0	0	0	0	0	20	0
Central Michigan U	348	90	0	0	0	0	0	0	132	0	126	0
Charles Stewart Mott CC	50	0	0	0	0	0	0	0	0	0	50	0
Cnsrtm Intl Earth Sci Info	19,975	0	0	1,000	0	0	0	0	0	18,975	0	0
Eastern Michigan U	705	0	0	0	0	0	0	0	410	82	213	0
GMI Engineering Mgt Inst	281	0	0	0	0	0	0	0	0	0	281	0
Grand Valley State U	165	0	0	0	0	0	0	25	0	121	0	19
Hope College	421	0	0	0	0	0	0	0	103	0	318	0
Kalamazoo College	284	0	0	0	0	0	0	0	208	0	76	0
Lawrence Technical U	89	0	0	0	0	0	40	0	0	0	49	0
Lewis College of Business	98	0	0	0	0	0	0	0	98	0	0	0
Madonna College	136	0	0	0	0	0	0	0	0	0	196	0
Marygrove College	42	0	0	0	0	0	0	0	42	0	0	0
Michigan State University	70,464	14,714	60	1,506	161	1,380	4,279	487	20,874	375	24,260	2,388
Michigan Tech University	6,079	912	0	1,619	175	0	193	1,052	90	407	1,452	179
Oakland University	2,908	0	0	0	0	0	51	224	2,361	0	272	0
University of Detroit	1,169	0	0	97	0	0	0	1,000	0	0	72	0
University of Michigan	210,000	1,286	1,512	14,357	1,071	490	8,971	2,443	138,067	10,777	28,741	2,285
Wayne State University	40,171	0	0	411	40	495	616	0	34,692	197	3,719	1
Western Michigan U	5,107	0	7	311	0	1,150	260	1,398	552	125	1,304	0
Minnesota, total	179,822	9,908	844	18,969	0	6,618	5,159	3,102	102,390	2,782	28,631	1,419
Augsburg College	281	0	0	115	0	0	0	0	0	5	161	0
Bemidji State University	33	0	0	0	0	0	0	0	0	33	0	0
Carleton College	161	0	0	0	0	0	0	0	0	0	161	0
College of St Catherine	75	0	0	0	0	0	0	0	0	0	75	0
College of St Scholastica	132	10	0	0	0	0	40	0	0	0	82	0
Concordia Col Moorhead	17	0	0	0	0	0	0	0	0	0	17	0
Gustavus Adolphus College	96	0	0	0	0	0	0	0	96	0	0	0
Hamline University	102	0	0	0	0	0	0	0	102	0	0	0
Macalester College	525	0	0	0	0	0	0	211	0	0	314	0
Mankato State University	247	0	0	0	0	0	0	0	163	30	54	0
Moorhead State University	144	0	0	0	0	0	0	0	119	0	25	0
St Cloud State University	296	0	133	0	0	0	0	0	0	0	163	0
St Marys Col MN	64	0	0	0	0	0	0	0	0	0	64	0
St Olaf College	217	0	0	0	0	0	0	0	101	0	116	0
U of St Thomas MN	70	0	0	0	0	0	0	0	0	0	70	0
University of Minnesota	177,182	9,898	711	18,854	0	6,618	5,119	2,891	101,809	2,714	27,140	1,419
Winona State University	180	0	0	0	0	0	0	0	0	0	180	0
Mississippi, total	43,614	13,931	450	2,672	75	726	6,333	863	8,392	1,410	7,251	1,511
Alcorn State University	1,886	1,846	0	0	0	0	40	0	0	0	0	0
Delta State University	75	35	0	0	0	0	0	0	0	0	40	0
Hinds Jr Col Raymond	2	0	0	0	0	0	0	0	0	0	0	2
Jackson State University	4,190	0	25	249	0	0	1,781	0	643	0	1,358	134
MS AL Sea Grant Cnsrtm	425	0	425	0	0	0	0	0	0	0	0	0
Mary Holmes College	8	0	0	0	0	0	0	0	0	0	8	0
Mississippi Rsch Cnsrtm	129	0	0	0	0	0	0	0	0	0	0	0
Mississippi State U	20,513	10,131	0	767	75	726	2,739	267	447	1,048	4,212	101

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[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Mississippi, continued:												
Mississippi Valley St U	81	0	0	0	0	0	0	0	0	46	0	35
Rust College	342	0	0	182	0	0	10	0	150	0	0	0
U Southern Mississippi	3,943	558	0	806	0	0	1,480	35	362	0	680	20
University of Mississippi	12,020	1,361	0	666	0	0	283	581	6,790	187	953	1,219
Missouri, total	204,247	12,881	191	5,029	183	581	13,541	567	149,274	4,254	15,620	2,166
Drury College	105	0	0	0	0	0	0	0	105	0	0	0
Harris Stowe State Col	3	0	0	0	0	0	0	0	0	0	0	3
Kirksville Col Osteo Med	356	0	0	0	0	0	0	0	356	0	0	0
Lincoln University MO	2,088	1,912	0	0	0	0	0	0	0	0	0	176
Northeast Missouri St U	73	0	0	0	0	0	0	0	0	0	73	0
Northwest Missouri St U	113	0	0	0	0	0	105	0	0	0	8	0
Southeast Missouri St U	5	0	0	0	0	0	0	0	0	0	5	0
Southwest Missouri St U	181	0	0	0	0	0	0	0	0	0	157	24
St Louis Community Col	1	0	0	0	0	0	0	0	0	0	0	1
St Louis University	15,304	0	55	190	0	0	0	0	14,056	117	585	301
U Missouri Columbia	38,005	9,439	0	977	0	0	11,282	252	11,998	136	3,441	480
U Missouri Kansas City	5,298	219	0	231	0	382	141	0	3,895	0	429	1
U Missouri Rolla	4,683	0	0	889	34	0	526	0	214	288	1,631	1,101
U Missouri St Louis	3,374	0	0	398	0	0	0	48	963	87	1,880	0
U Missouri System Off	322	0	94	0	0	199	0	0	0	0	0	29
Washington University	134,336	1,291	42	2,344	129	0	1,487	269	117,887	3,626	7,411	50
Montana, total	18,824	5,399	0	336	0	500	547	1,119	3,085	851	5,748	1,239
Blackfeet Community Col	2	0	0	0	0	0	0	0	0	0	0	2
Carroll College MT	7	7	0	0	0	0	0	0	0	0	0	0
Eastern Montana College	103	0	0	0	0	0	0	0	103	0	0	0
MT Col Mineral Sci Tech	323	8	0	0	0	0	0	299	0	0	0	16
Montana State University	12,315	4,360	0	336	0	0	47	588	1,888	334	4,361	421
University of Montana	6,074	1,024	0	0	0	500	500	232	1,114	517	1,387	800
Nebraska, total	40,864	8,566	240	1,414	0	0	865	82	17,988	867	6,853	3,989
Creighton University	3,992	0	0	96	0	0	52	0	3,780	0	64	0
Nebraska Wesleyan U	83	0	0	0	0	0	0	0	0	0	83	0
Peru State College	91	0	0	0	0	0	0	0	91	0	0	0
U NE Ctrl Admin Sys Off	128	8	0	0	0	0	0	0	120	0	0	0
U Nebraska Lincoln	24,609	6,558	240	1,318	0	0	269	82	2,840	812	6,501	3,989
U Nebraska Med Ctr Omaha	10,875	0	0	0	0	0	0	0	10,765	0	110	0
U Nebraska Omaha	1,086	0	0	0	0	0	544	0	392	55	95	0
Nevada, total	25,062	1,475	596	560	0	0	4,421	5,499	5,664	424	4,291	2,132
Desert Research Institute	6,799	0	0	84	0	0	3,616	1,934	0	57	1,108	0
U & Cmty Col NV Sys Off	778	0	596	0	0	0	0	0	0	0	182	0
U Nevada Las Vegas	4,970	0	0	0	0	0	500	3,231	97	5	681	456
U Nevada Reno	12,515	1,475	0	476	0	0	305	334	5,567	362	2,320	1,676
New Hampshire, total	62,852	2,507	1,336	2,314	0	225	1,890	1,226	35,071	10,191	7,997	295
Dartmouth College	40,035	325	0	1,896	0	0	922	182	32,080	814	3,774	42
NH Tech Col Nashua	1	0	0	0	0	0	0	0	0	0	0	1
U NH Plymouth St Col	6	0	0	0	0	0	0	0	0	0	6	0
U New Hampshire	22,710	2,182	1,336	418	0	225	768	1,044	2,891	9,377	4,217	252
U System of NH Sys Off	100	0	0	0	0	0	0	0	100	0	0	0
New Jersey, total	162,478	5,837	3,645	16,828	727	1,729	9,901	4,855	74,450	7,249	33,263	3,994
Brookdale Community Col	3	0	0	0	0	0	0	0	0	0	0	3
Drew University	30	0	0	0	0	0	0	0	0	0	30	0

See explanatory information, if any, and SOURCE at end of table.

Table 4. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1992

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
New Jersey, continued:												
Middlesex County College	39	0	0	0	0	0	0	39	0	0	0	0
NJ Inst of Technology	4,909	0	0	408	300	0	116	3,041	0	60	984	0
Princeton University	55,524	0	3,076	10,352	60	0	6,505	240	13,255	5,347	16,500	189
Rutgers the St U of NJ	57,574	5,837	564	5,172	120	1,500	2,565	441	22,748	1,358	13,967	3,302
Seton Hall University	969	0	0	0	0	29	0	0	381	0	559	0
Stevens Institute of Tech	1,717	0	0	816	247	0	376	45	0	70	163	0
Stockton State College	44	0	5	0	0	0	39	0	0	0	0	0
Trenton State College	103	0	0	0	0	0	0	0	103	0	0	0
U Med & Dent of NJ	41,046	0	0	80	0	200	300	1,049	37,667	376	874	500
Union County College	186	0	0	0	0	0	0	0	0	0	186	0
Westminster Choir Col	145	0	0	0	0	0	0	0	107	38	0	0
William Paterson College	189	0	0	0	0	0	0	0	189	0	0	0
New Mexico, total	88,916	3,767	62	9,340	16,842	750	10,411	657	16,322	17,322	12,271	1,172
College of Santa Fe	29	0	0	0	0	0	0	0	0	0	0	29
Eastern New Mexico U	125	0	0	85	0	0	40	0	0	0	0	0
NM Inst Mining & Tech	5,462	120	0	1,759	0	0	1,575	90	0	152	1,664	102
New Mexico Highlands U	1,952	0	0	0	0	750	0	0	67	30	1,105	0
New Mexico Military Inst	60	0	0	0	0	0	0	0	0	0	0	60
New Mexico State U	42,619	3,635	62	1,402	8,547	0	7,221	77	2,545	15,967	2,459	704
San Juan College	45	0	0	0	0	0	0	0	0	0	0	45
University of New Mexico	38,624	12	0	6,094	8,295	0	1,575	490	13,710	1,173	7,043	232
New York, total	974,764	14,449	2,300	53,766	3,018	5,311	47,029	11,353	653,498	25,168	155,574	3,298
Adelphi University	155	0	0	0	0	0	0	0	105	0	50	0
Albany Col of Pharmacy	94	0	0	0	0	0	0	0	94	0	0	0
Albany Medical College	8,399	0	0	0	0	0	0	150	8,249	0	0	0
Alfred University	669	0	58	189	0	0	90	0	0	0	332	0
Bank Street Col of Ed	1,136	0	0	0	0	1,000	0	0	0	0	136	0
Barnard College	1,148	0	0	93	0	0	0	0	731	0	324	0
CUNY Bernard Baruch Col	316	0	0	181	0	0	0	0	0	0	135	0
CUNY Brooklyn College	1,118	0	0	30	0	0	118	0	435	50	485	0
CUNY City College	12,290	0	0	559	0	0	450	115	4,021	206	6,089	850
CUNY Col Staten Island	365	0	0	0	0	0	0	0	343	0	22	0
CUNY Grad Schl & U Ctr	3,217	0	0	881	0	0	0	0	1,790	0	546	0
CUNY H H Lehman College	721	0	0	0	0	0	0	0	0	0	721	0
CUNY Hostos Cmty College	63	0	0	0	0	0	0	0	0	0	63	0
CUNY Hunter College	6,552	0	0	151	0	0	0	0	4,240	0	2,161	0
CUNY J Jay Col Crim Just	144	0	0	0	0	0	0	0	0	0	144	0
CUNY Mt Sinai Schl of Med	51,178	0	0	0	0	350	298	0	49,863	389	278	0
CUNY NY City Tech Col	338	0	0	0	0	0	208	0	0	0	130	0
CUNY Queens College	2,159	0	0	131	0	0	194	0	1,150	0	684	0
CUNY System Office	1,266	0	0	24	0	0	386	0	0	132	724	0
Canisius College	108	0	0	0	0	0	0	0	0	0	108	0
Clarkson University	4,247	0	0	518	0	0	305	200	179	1,837	1,208	0
Colgate University	1,123	0	0	0	0	0	0	0	74	0	1,049	0
College of New Rochelle	395	0	0	0	0	0	39	0	0	0	356	0
Columbia U Sys Off	884	0	0	0	0	0	0	0	803	0	81	0
Columbia U Teachers Col	512	0	0	0	0	185	0	0	298	0	29	0
Columbia University	190,310	0	767	8,297	0	175	7,426	421	132,397	6,237	33,621	969
Cornell University	162,177	12,035	219	12,321	218	0	4,423	496	78,838	7,731	44,899	997
Fordham University	962	0	0	0	0	0	0	0	860	0	102	0
Hamilton College	477	0	0	0	0	0	0	0	110	0	367	0
Hartwick College	55	0	0	0	0	0	0	0	0	0	55	0

See explanatory information, if any, and SOURCE at end of table.

Table 4. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1992

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD develop-ment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
New York, continued:												
Hobart Wm Smith Colleges	14	0	0	0	0	0	0	0	0	0	14	0
Hofstra University	863	0	0	51	0	76	0	0	123	95	518	0
Iona College	92	0	0	0	0	0	0	0	0	0	92	0
Ithaca College	138	0	0	0	0	0	0	0	0	0	138	0
Long Island University	11	0	0	0	0	0	0	0	0	0	11	0
Manhattan College	415	0	0	0	0	0	40	302	0	0	73	0
New School Social Rsch	121	0	0	0	0	0	0	0	111	0	10	0
New York Inst Technology	288	0	0	195	0	0	0	0	93	0	0	0
New York Medical College	13,933	158	0	0	0	0	0	727	12,674	0	374	0
New York University	96,349	2	0	7,154	362	224	4,076	7,280	71,211	407	5,633	0
Niagara University	76	0	0	0	0	0	0	0	76	0	0	0
Pace University	357	0	0	0	0	0	20	0	276	0	61	0
Polytechnic University	5,362	0	0	1,624	255	0	469	0	0	309	2,705	0
Rensselaer Polytech Inst	20,429	100	219	5,757	590	0	2,788	566	1,484	2,499	6,136	290
Rochester Inst Technology	2,885	0	0	81	0	1,712	0	0	836	90	166	0
Rockefeller University	37,512	0	0	205	0	0	1,090	100	35,452	0	665	0
Russell Sage College	51	0	0	0	0	0	0	0	51	0	0	0
SUNY Col Brockport	131	0	0	0	0	0	0	0	0	0	131	0
SUNY Col Buffalo	178	0	0	0	0	0	0	0	0	97	81	0
SUNY Col Cortland	110	0	0	0	0	0	0	0	0	0	110	0
SUNY Col Env Sci & Forest	598	442	0	0	0	0	0	0	0	0	156	0
SUNY Col Fredonia	196	0	0	0	0	0	0	0	0	0	196	0
SUNY Col Geneseo	127	0	0	0	0	0	0	0	0	0	127	0
SUNY Col New Paltz	46	0	0	0	0	0	0	0	0	0	46	0
SUNY Col Old Westbury	703	0	0	0	0	0	0	0	245	0	458	0
SUNY Col Oneonta	23	0	0	0	0	0	0	0	0	0	23	0
SUNY Col Plattsburgh	42	0	0	0	0	0	0	0	0	35	7	0
SUNY Col Purchase	88	0	0	0	0	0	0	0	0	88	0	0
SUNY Columbia Greene Col	40	0	0	40	0	0	0	0	0	0	0	0
SUNY Fashion Inst Tech	868	0	0	0	868	0	0	0	0	0	0	0
SUNY Hlth Sci Ctr Brookly	17,676	0	0	0	0	0	0	0	17,241	0	435	0
SUNY Hlth Sci Ctr Syracus	9,038	0	0	0	0	0	338	0	8,635	0	65	0
SUNY Inst Tech Utica Rome	70	0	0	0	0	0	0	0	0	0	70	0
SUNY Nassau Cmty College	44	0	0	0	0	0	0	0	0	0	44	0
SUNY St Col of Optometry	176	0	0	0	0	0	0	0	176	0	0	0
SUNY System Office	947	0	0	0	0	0	100	0	227	0	429	191
SUNY Ulster Co Cmty Col	125	0	0	0	0	0	0	0	125	0	0	0
SUNY Westchester Cmty Col	81	0	0	0	0	0	0	0	0	0	81	0
SUNY at Albany	17,484	1,012	0	1,426	36	871	290	780	9,070	478	3,521	0
SUNY at Binghamton	3,347	50	0	0	0	0	122	0	1,124	271	1,780	0
SUNY at Buffalo	40,128	10	999	7,207	0	0	640	0	23,794	543	6,935	0
SUNY at Stony Brook	57,915	14	0	2,388	5	0	4,454	216	33,699	1,877	15,262	0
Siena College	43	0	0	0	0	0	0	0	0	0	43	0
St Johns University NY	900	0	0	0	0	0	0	0	887	0	13	0
Syracuse University	14,581	290	0	250	434	400	1,175	0	7,205	187	4,639	1
U NY Regents Col Degrees	1	1	0	0	0	0	0	0	0	0	0	0
Union College NY	451	0	0	0	0	0	0	0	0	0	451	0
University of Rochester	103,020	200	0	4,013	250	163	17,490	0	70,997	1,610	8,297	0
Vassar College	650	85	38	0	0	0	0	0	100	0	427	0
Wells College	50	50	0	0	0	0	0	0	0	0	0	0
Yeshiva University NY	73,413	0	0	0	0	155	0	0	73,006	0	252	0
North Carolina, total	383,938	15,210	2,787	17,499	1,134	5,129	6,582	10,271	268,688	6,758	42,431	5,449
Appalachian St University	288	0	0	0	0	0	0	16	0	45	227	0

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Table 4. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1992

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD develop-ment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
North Carolina, continued:												
Bennett College NC	251	0	0	0	0	0	0	0	70	0	176	5
Campbell University	8	8	0	0	0	0	0	0	0	0	0	0
Chowan College	33	0	0	0	0	0	0	0	0	0	33	0
Davidson College	92	0	0	0	0	0	0	0	63	0	29	0
Duke University	139,864	533	30	5,634	642	0	4,850	2,113	112,878	339	12,698	147
East Carolina University	4,086	78	0	619	0	0	0	0	2,990	0	399	0
Elizabeth City State U	70	0	0	30	0	0	40	0	0	0	0	0
Fayetteville State U	147	0	0	0	0	0	40	0	0	83	24	0
Guilford College	59	0	0	0	0	0	0	0	0	59	0	0
Haywood Cmty College	1	1	0	0	0	0	0	0	0	0	0	0
Johnson C Smith U	35	35	0	0	0	0	0	0	0	0	0	0
Mars Hill College	12	12	0	0	0	0	0	0	0	0	0	0
NC Ag & Tech State U	6,199	2,544	0	1,032	170	0	208	15	44	764	1,219	203
NC State U Raleigh	55,126	10,991	1,286	5,000	322	570	1,955	2,654	6,406	4,736	16,772	4,434
North Carolina Central U	214	0	0	149	0	0	0	0	65	0	0	0
Pembroke State University	18	0	0	0	0	0	0	0	0	0	18	0
Shaw University	52	0	0	52	0	0	0	0	0	0	0	0
U NC Asheville	252	212	0	0	0	0	0	0	0	0	40	0
U NC Chapel Hill	130,144	350	0	3,916	0	541	1,301	5,342	108,908	513	8,913	360
U NC Charlotte	1,944	0	25	607	0	0	98	75	199	60	880	0
U NC Greensboro	6,125	244	0	69	0	4,018	0	56	1,306	10	422	0
U NC Sys Off	434	0	134	0	0	0	0	0	0	0	0	300
U NC Wilmington	1,436	0	1,092	78	0	0	0	0	208	0	58	0
Wake Forest University	36,901	200	220	313	0	0	90	0	35,459	149	470	0
Western Carolina U	147	2	0	0	0	0	0	0	92	0	53	0
North Dakota, total	21,393	7,740	0	633	490	0	6,285	2,500	1,638	287	1,188	632
Mayville State College	510	0	0	0	0	0	0	0	0	0	510	0
North Dakota State U	8,675	6,249	0	386	490	0	0	0	285	111	538	616
University of N Dakota	12,208	1,491	0	247	0	0	6,285	2,500	1,353	176	140	16
Ohio, total	305,189	10,263	918	38,828	3,656	4,366	6,006	6,273	172,280	21,286	32,944	8,369
Antioch University	162	0	0	0	0	0	0	0	162	0	0	0
Baldwin Wallace College	66	0	0	0	0	0	0	0	0	66	0	0
Bowling Green State U	2,231	110	0	170	0	0	0	97	1,061	0	793	0
Case Western Reserve U	88,518	96	0	3,498	0	501	290	0	72,842	6,511	4,780	0
Central State U OH	428	0	0	0	263	0	13	0	147	0	0	5
Cleveland State U	4,523	0	0	0	0	0	0	0	1,091	3,432	0	0
College of Wooster	131	0	0	0	0	0	0	0	0	15	116	0
Cuyahoga Cmty Col	178	0	0	0	0	0	0	80	0	0	98	0
Denison University	93	0	0	0	0	0	48	0	0	45	0	0
Heidelberg College	13	0	0	0	0	0	0	0	0	13	0	0
Hiram College	1	0	0	0	0	0	0	0	0	1	0	0
John Carroll University	324	0	0	0	0	0	0	0	0	247	77	0
Kent State University	4,045	0	0	499	0	125	184	0	1,335	220	1,682	0
Kenyon College	95	0	0	0	0	0	0	0	0	50	45	0
Medical College OH Toledo	7,523	0	0	0	0	0	0	0	7,286	0	237	0
Miami University OH	3,661	102	0	185	0	0	39	368	418	59	2,425	65
Muskingum Area Tech Col	32	0	0	0	0	0	0	0	0	0	32	0
N E Ohio U Col of Med	984	0	0	0	0	0	0	0	974	0	10	0
Oberlin College	311	0	0	0	0	0	0	0	183	0	128	0
Ohio Northern University	62	0	0	0	0	0	0	0	62	0	0	0
Ohio State University	90,377	9,597	883	5,581	0	3,476	4,181	1,221	37,766	4,392	15,185	8,095
Ohio University	3,403	200	35	317	0	0	506	171	758	456	756	204

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Table 4. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1992

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD develop-ment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Ohio, continued:												
Ohio Wesleyan University	152	0	0	50	0	0	0	0	0	0	102	0
Sinclair Community Col	83	0	0	0	0	0	0	0	0	0	83	0
University of Akron	4,111	47	0	290	0	0	197	503	547	1,474	1,053	0
University of Cincinnati	53,039	0	0	2,074	0	135	432	3,633	40,847	2,045	3,873	0
University of Dayton	28,517	100	0	24,532	3,145	0	0	150	84	250	256	0
University of Toledo	4,156	0	0	153	0	0	116	0	1,406	1,875	606	0
Wilberforce University	11	11	0	0	0	0	0	0	0	0	0	0
Wittenberg University	214	0	0	0	0	0	0	0	110	104	0	0
Wright State University	7,745	0	0	1,479	248	129	0	50	5,201	31	607	0
Oklahoma, total	53,102	7,736	863	3,031	2,528	93	11,742	1,146	14,430	395	10,789	369
East Central University	200	0	0	0	0	0	0	200	0	0	0	0
Langston University	2,044	1,926	0	0	0	0	10	0	0	0	0	108
Oklahoma State University	23,776	5,700	6	2,483	2,528	0	7,894	450	959	0	3,540	216
Southeastern OK St U	45	0	0	45	0	0	0	0	0	0	0	0
University of Oklahoma	24,470	110	857	453	0	93	3,465	496	13,106	395	5,450	45
University of Tulsa	2,567	0	0	50	0	0	373	0	365	0	1,779	0
Oregon, total	133,692	14,774	1,055	7,297	32	2,858	15,635	3,684	57,037	4,633	22,679	4,008
Linfield College	314	0	0	211	0	0	0	0	0	0	103	0
Natl Col Naturopathic Med	3,102	0	0	0	0	0	0	0	3,102	0	0	0
Oregon Grad Inst Sci Tech	6,704	79	0	1,570	32	0	969	672	1,190	0	1,947	245
Oregon Hlth Sciences U	45,293	107	0	379	0	75	10,000	107	34,303	34	288	0
Oregon Institute of Tech	511	0	0	0	0	0	300	0	0	0	24	187
Oregon State University	52,253	14,439	1,055	3,888	0	0	1,313	2,763	7,876	4,190	13,246	3,483
Pacific University	64	0	0	0	0	0	40	0	0	0	24	0
Portland Community Col	3	0	0	0	0	0	0	0	0	0	0	3
Portland State University	2,828	6	0	0	0	845	95	142	356	15	1,369	0
Reed College	437	120	0	0	0	0	33	0	0	40	244	0
Southern Oregon St Col	105	0	0	0	0	0	0	0	0	59	46	0
Southwestern OR Cmty Col	1	0	0	0	0	0	0	0	0	0	0	1
University of Oregon Main	21,711	23	0	1,249	0	1,798	2,885	0	10,050	295	5,322	89
University of Portland	22	0	0	0	0	0	0	0	0	0	22	0
Western Oregon State Col	300	0	0	0	0	140	0	0	160	0	0	0
Willamette University	44	0	0	0	0	0	0	0	0	0	44	0
Pennsylvania, total	671,129	11,486	371	78,421	45,112	9,260	19,675	6,068	395,723	19,092	79,287	6,634
Albright College	26	0	0	0	0	0	0	0	0	0	26	0
Allegheny College	214	0	0	0	0	0	0	0	0	0	214	0
Beaver College PA	414	0	0	0	0	0	0	0	0	0	414	0
Bloomsburg U of PA	31	0	0	0	0	0	0	0	0	0	31	0
Bryn Mawr College	977	0	33	0	0	0	0	0	666	0	278	0
Bucknell University	320	0	0	0	0	0	0	0	68	0	252	0
Bucks County Cmty Col	1	0	0	0	0	0	0	0	0	0	0	1
Carnegie Mellon U	63,586	120	25	24,402	1,597	0	5,035	737	7,678	4,610	18,352	1,030
Chatham College	24	0	0	0	0	0	0	0	0	0	24	0
Dickinson College	169	0	0	0	0	0	0	0	97	0	72	0
Drexel University	11,056	0	82	1,344	50	0	365	596	2,055	576	5,988	0
Duquesne University	421	50	0	0	0	0	0	0	262	0	109	0
Franklin & Marshall Col	718	0	0	0	0	0	0	0	0	8	659	51
Gettysburg College	161	0	0	0	0	0	0	0	53	0	108	0
Hahnemann University	10,343	0	0	739	0	0	0	0	9,406	0	198	0
Haverford College	396	0	0	0	0	0	0	0	0	0	396	0
Indiana U of PA	232	0	0	0	0	0	0	0	103	5	124	0
Juniata College	416	0	0	0	0	0	0	0	0	0	416	0
Kings College PA	50	0	0	0	0	0	0	0	0	0	50	0
Kutztown U of PA	64	0	0	26	0	0	0	38	0	0	0	0

See explanatory information, if any, and SOURCE at end of table.

Table 4. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1992

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD develop-ment 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Pennsylvania, continued:												
Lafayette College	268	0	0	21	0	0	0	0	0	70	177	0
Lebanon Valley College	30	0	0	0	0	0	0	0	0	0	30	0
Lehigh University	12,798	112	65	2,999	797	0	1,250	15	688	175	6,527	170
Lincoln University PA	318	10	0	228	0	0	0	0	0	0	80	0
Mansfield U of PA	276	0	0	0	0	0	0	0	0	0	276	0
Marywood College	21	0	0	0	0	0	0	0	0	0	21	0
Medical College PA	16,061	0	0	70	0	0	0	0	15,837	0	154	0
Messiah College	27	0	0	0	0	0	0	0	0	0	27	0
Millersville U of PA	4	0	0	0	0	0	0	0	0	0	4	0
PA College of Optometry	263	0	0	0	0	0	0	0	263	0	0	0
Pennsylvania State U	148,172	9,887	166	33,050	21,185	1,274	4,518	1,734	41,300	11,991	17,810	5,257
Phila Col Osteopathic Med	104	0	0	0	0	0	0	0	104	0	0	0
Phila Col of Pharm & Sci	83	0	0	0	0	0	0	0	83	0	0	0
Shippensburg U of PA	104	0	0	0	0	0	0	0	103	0	1	0
St Josephs University	230	0	0	0	0	0	0	0	112	0	118	0
St Vincent College & Sem	124	0	0	0	0	0	0	0	0	44	80	0
Susquehanna University	13	0	0	0	0	0	0	0	0	13	0	0
Swarthmore College	1,176	110	0	0	0	0	0	0	0	0	1,066	0
Temple University	24,590	0	0	85	0	1,000	340	101	21,602	0	1,462	0
Thomas Jefferson U	33,405	0	0	264	0	1,125	274	144	31,048	0	550	0
University of PA	178,002	852	0	9,067	4,500	3,237	5,855	0	135,967	175	18,324	25
University of Pittsburgh	164,183	345	0	5,976	16,983	2,624	2,038	2,703	127,741	1,221	4,452	100
University of Scranton	375	0	0	120	0	0	0	0	100	95	60	0
Villanova University	629	0	0	30	0	0	0	0	287	109	203	0
West Chester U of PA	223	0	0	0	0	0	0	0	100	0	123	0
Widener University	10	0	0	0	0	0	0	0	0	0	10	0
Wilkes University	21	0	0	0	0	0	0	0	0	0	21	0
Rhode Island, total	56,281	1,808	1,213	10,133	38	50	2,932	1,557	17,623	2,396	17,628	903
Brown University	35,819	0	66	6,909	0	50	2,791	0	13,508	1,309	11,002	184
Providence College	38	0	0	0	0	0	0	0	0	0	38	0
Rhode Island College	8	0	0	0	0	0	0	0	0	0	8	0
U Rhode Island	20,416	1,808	1,147	3,224	38	0	141	1,557	4,115	1,087	6,580	719
South Carolina, total	60,296	7,337	777	2,648	390	336	9,809	594	24,767	1,205	11,807	626
Citadel Military Col SC	77	0	0	0	0	0	0	0	0	77	0	0
Claflin College	162	0	0	0	0	0	118	0	44	0	0	0
Clemson University	14,496	5,391	100	1,728	390	0	1,338	464	787	788	3,160	350
Ctrl Carolina Tech Col SC	216	0	0	216	0	0	0	0	0	0	0	0
Erskine College	77	0	0	0	0	0	0	0	0	0	77	0
Francis Marion University	41	0	0	0	0	0	0	0	0	0	41	0
Furman University	329	0	0	0	0	0	0	0	94	0	235	0
Medical U of S Carolina	23,736	275	126	0	0	0	6,087	0	16,826	0	422	0
SC Sea Grant Consortium	351	0	351	0	0	0	0	0	0	0	0	0
South Carolina St College	2,263	1,637	0	150	0	66	260	0	0	0	0	150
U Charleston	413	0	0	11	0	0	0	0	105	30	267	0
U South Carolina	17,775	34	200	543	0	0	1,946	130	6,911	310	7,575	126
Winthrop University	300	0	0	0	0	270	0	0	0	0	30	0
York Technical College	60	0	0	0	0	0	60	0	0	0	0	0
South Dakota, total	7,305	3,241	0	28	0	0	0	315	664	543	2,181	333
Augustana College	70	15	0	0	0	0	0	0	0	0	55	0
Northern State University	10	0	0	0	0	0	0	0	0	0	0	10
SD School Mines & Tech	1,254	0	0	0	0	0	0	0	0	533	705	16
South Dakota State U	3,899	3,226	0	0	0	0	0	315	105	0	0	253

See explanatory information, if any, and SOURCE at end of table.

Table 4. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1992

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
South Dakota, continued:												
U South Dakota	2,072	0	0	28	0	0	0	0	559	10	1,421	54
Tennessee, total	159,338	9,771	0	9,308	525	1,286	12,949	923	107,132	3,722	11,737	1,985
East Tennessee State U	894	0	0	58	0	74	0	0	612	0	150	0
Fisk University	1,139	0	0	201	0	0	0	0	0	667	96	175
Le Moyne Owen College	50	0	0	0	0	0	0	0	50	0	0	0
Meharry Medical College	9,154	0	0	502	0	0	163	106	7,185	0	1,025	173
Memphis State University	3,353	30	0	316	0	0	40	80	1,839	55	297	696
Middle Tennessee St U	106	0	0	0	0	0	31	0	0	49	26	0
Rhodes College	121	0	0	0	0	0	0	0	88	0	33	0
Southern Col 7 Day Advent	30	0	0	0	0	0	0	0	0	0	30	0
Southern Col of Optometry	89	0	0	0	0	0	0	0	89	0	0	0
Tennessee State U	5,242	2,640	0	257	225	0	40	0	1,348	142	250	342
Tennessee Technological U	1,149	0	0	0	0	0	154	187	277	40	284	207
U Tennessee Chattanooga	367	0	0	0	0	0	265	0	0	0	102	0
U Tennessee Knoxville	29,584	6,744	0	1,140	0	0	11,443	540	3,934	1,246	4,345	192
U Tennessee Memphis	21,346	292	0	303	0	0	30	0	20,201	0	520	0
U Tennessee System Off	170	20	0	0	0	0	0	0	0	0	0	150
University of Tennessee	2,077	0	0	1,777	300	0	0	0	0	0	0	0
University of the South	27	0	0	0	0	0	0	0	0	0	27	0
Vanderbilt University	84,390	45	0	4,754	0	1,212	783	10	71,511	1,523	4,502	50
Volunteer State Cmty Col	50	0	0	0	0	0	0	0	0	0	50	0
Texas, total	591,837	27,850	1,155	33,852	39,552	1,275	29,411	10,680	347,357	33,413	62,697	4,595
Abilene Christian U	115	0	0	0	0	0	115	0	0	0	0	0
Alamo CC District	3	0	0	0	0	0	0	0	0	0	0	3
Austin College	34	0	0	0	0	0	0	0	0	0	34	0
Baylor Col of Dentistry	448	0	0	0	0	0	0	0	448	0	0	0
Baylor Col of Medicine	84,947	9,038	0	518	0	939	1,305	90	71,960	812	285	0
Baylor University	374	0	0	175	0	0	0	0	199	0	0	0
Cooke County College	50	50	0	0	0	0	0	0	0	0	0	0
Del Mar College	72	0	0	0	0	0	0	0	0	0	72	0
Houston Community College	356	0	0	0	0	0	306	0	0	0	0	50
Jarvis Christian College	502	0	0	502	0	0	0	0	0	0	0	0
Lamar U Beaumont	3,742	0	0	0	0	0	0	2,570	0	555	617	0
Lee College TX	308	0	0	0	0	0	0	0	0	0	308	0
Midwestern State U	11	11	0	0	0	0	0	0	0	0	0	0
Parker Col Chiropractic	16,687	0	0	0	0	0	0	0	16,687	0	0	0
Prairie View A&M U	4,145	2,995	0	0	0	0	611	0	0	300	187	52
Rice University	24,920	350	0	3,295	0	0	3,062	686	3,211	2,148	11,890	80
Sam Houston State U	67	67	0	0	0	0	0	0	0	0	0	0
Southern Methodist U	4,363	0	0	1,591	0	0	407	0	880	43	1,442	0
Southwest Texas St U	891	187	0	0	0	0	0	29	530	50	89	6
Southwestern U TX	112	0	0	0	0	0	0	0	0	0	112	0
St Edwards University	19	0	0	0	0	0	0	0	0	0	19	0
Stephen F Austin St U	287	237	0	0	0	50	0	0	0	0	0	0
Sul Ross State University	64	0	0	0	0	0	0	0	0	14	0	50
TX A&M U Kingsville	447	95	0	275	0	0	0	0	0	0	77	0
Tarleton State University	776	0	0	0	0	0	0	750	0	0	26	0
Texas A&M U Sys Off	2,058	0	0	0	0	0	0	0	327	170	0	1,561
Texas A&M University	58,778	12,853	1,029	4,382	50	98	6,252	1,174	13,432	4,531	13,871	1,106
Texas Christian U	2,810	0	0	117	0	0	0	0	2,416	0	277	0
Texas Southern U	2,153	0	0	0	0	0	0	225	1,762	126	40	0
Texas Southmost College	81	0	0	0	0	0	0	0	0	81	0	0

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Table 4. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1992

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Texas, continued:												
Texas Tech University	8,102	635	0	1,255	30	0	319	1,068	2,798	152	1,407	438
Texas Womans University	454	0	0	0	0	173	0	0	189	61	51	0
Trinity University	559	0	0	0	0	0	0	0	328	0	231	0
U Mary Hardin Baylor	33	0	0	0	0	0	0	0	0	0	33	0
U N TX Hlth Sci Ctr	2,784	0	0	0	0	0	0	0	2,705	59	20	0
U North Texas	1,551	3	0	676	0	0	15	395	146	0	316	0
U TX Arlington	2,658	0	0	1,035	240	0	180	0	316	218	661	8
U TX Austin	110,616	536	126	14,903	39,100	0	13,563	311	16,610	7,404	17,352	711
U TX Dallas	4,734	0	0	557	0	0	189	0	1,564	1,094	1,330	0
U TX El Paso	8,991	0	0	300	132	0	0	2,000	1,859	159	4,409	132
U TX Hlth Sci Ctr Houstn	35,209	130	0	582	0	0	507	191	32,621	740	438	0
U TX Hlth Sci Ctr S Anto	44,186	0	0	428	0	0	0	0	43,068	110	580	0
U TX MD Anderson Cancer	40,442	0	0	65	0	0	0	106	40,176	0	95	0
U TX Med Brnch Galveston	29,238	33	0	296	0	0	216	510	27,411	478	294	0
U TX Pan American	839	0	0	0	0	0	634	0	0	205	0	0
U TX SW Med Ctr Dallas	60,673	520	0	0	0	0	18	0	58,696	1,094	345	0
U TX San Antonio	1,558	0	0	310	0	0	0	0	248	172	828	0
U TX System Off	2,029	0	0	0	0	0	0	0	1,671	0	0	358
U of Houston	20,786	110	0	2,590	0	0	1,712	375	5,119	6,389	4,466	25
U of Houston Clear Lake	6,294	0	0	0	0	0	0	0	0	6,250	44	0
U of Houston Downtown Col	117	0	0	0	0	15	0	0	0	0	102	0
U of Houston Sys Off	15	0	0	0	0	0	0	0	0	0	0	15
University of Dallas	290	0	0	0	0	0	0	0	0	0	290	0
Wiley College	59	0	0	0	0	0	0	0	0	0	59	0
Utah, total	132,592	3,669	115	12,246	20,938	482	4,791	728	58,418	12,199	16,406	2,600
Brigham Young University	5,372	47	0	290	0	0	434	276	1,093	356	2,851	25
University of Utah	76,441	643	62	3,979	165	0	4,337	86	53,214	690	11,411	1,854
Utah State University	50,397	2,979	53	7,977	20,773	482	20	366	4,111	11,092	1,825	719
Utah Valley State College	22	0	0	0	0	0	0	0	0	20	0	2
Weber State University	360	0	0	0	0	0	0	0	0	41	319	0
Vermont, total	32,991	4,528	0	446	161	0	500	616	24,330	80	2,101	229
Bennington College	6	6	0	0	0	0	0	0	0	0	0	0
Lyndon State College	7	0	0	0	0	0	0	0	0	0	7	0
Middlebury College	467	0	0	55	0	0	0	0	126	55	231	0
Norwich University	40	0	0	15	0	0	0	0	0	25	0	0
Sterling College VT	22	22	0	0	0	0	0	0	0	0	0	0
Trinity College VT	20	0	0	0	0	0	0	0	0	0	20	0
U VT & State Agric Col	32,272	4,500	0	376	161	0	500	459	24,204	0	1,843	229
Vermont Law School	157	0	0	0	0	0	0	157	0	0	0	0
Virginia, total	195,471	8,580	1,369	13,291	2,017	2,436	10,512	1,591	99,074	18,204	26,714	11,683
College of William & Mary	6,010	0	1,003	281	0	0	294	44	234	1,787	2,187	180
Dabney Lancaster Cmty Col	5	5	0	0	0	0	0	0	0	0	0	0
Eastern Virginia Med Schl	8,623	0	0	0	0	0	0	0	3,185	149	14	5,275
Ferrum College	17	0	0	0	0	0	0	0	0	0	17	0
George Mason University	7,151	0	0	2,858	970	0	110	80	373	161	1,445	1,154
Hampden Sydney College	75	0	0	0	0	0	0	0	0	26	49	0
Hampton University	5,244	0	0	1,176	0	0	359	122	313	1,257	2,017	0
James Madison University	466	0	0	0	0	0	0	0	114	0	352	0
Longwood College	56	0	0	0	0	0	0	0	0	56	0	0
Mountain Empire Cmty Col	40	0	0	0	0	0	0	0	0	0	40	0
Norfolk State University	562	0	0	0	0	0	277	0	0	285	0	0
Old Dominion University	5,933	0	0	546	0	0	64	0	103	3,658	1,562	0

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Table 4. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1992

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Virginia, continued:												
Radford University	100	0	0	0	0	0	0	0	0	0	100	0
Rappahannock Cmty College	1	0	0	0	0	0	0	0	0	0	0	1
Roanoke College	22	0	0	0	0	0	0	0	0	0	22	0
University of Richmond	363	0	0	10	0	0	91	0	178	40	44	0
University of Virginia	77,182	0	272	3,883	997	1,524	3,083	482	48,030	6,244	11,203	1,464
VA Polytech Inst & St U	35,678	6,878	94	4,379	50	0	5,666	793	3,413	3,902	6,949	3,554
Virginia Commonwealth U	45,448	0	0	158	0	912	288	0	43,105	509	476	0
Virginia Military Inst	39	0	0	0	0	0	0	0	0	0	39	0
Virginia State University	2,430	1,697	0	0	0	0	280	70	0	130	198	55
Washington & Lee U	26	0	0	0	0	0	0	0	26	0	0	0
Washington, total	278,137	12,043	3,763	7,380	5,311	995	12,008	1,619	178,999	8,635	44,165	3,219
Central Washington U	7	7	0	0	0	0	0	0	0	0	0	0
Centralia College	58	0	0	0	0	0	0	0	0	0	58	0
Clark College	33	0	0	0	0	0	0	0	0	0	29	4
Eastern Washington U	1,636	0	0	0	0	0	0	0	376	60	1,145	55
Evergreen State College	416	0	0	0	0	0	0	0	0	0	416	0
Gonzaga University	418	0	0	0	0	0	36	0	47	0	335	0
Olympic College	18	0	0	0	0	0	0	0	0	0	18	0
Peninsula College	6	6	0	0	0	0	0	0	0	0	0	0
Seattle Community College	3	0	0	0	0	0	0	0	0	0	0	3
Seattle Pacific U	55	0	0	33	0	0	0	0	0	0	22	0
Seattle University	181	0	0	0	0	0	39	0	0	0	142	0
University of Puget Sound	65	0	0	0	0	0	40	0	0	0	25	0
University of Washington	245,428	3,690	3,599	5,380	5,200	838	9,295	790	169,464	7,942	36,282	2,948
Walla Walla College	24	0	0	0	0	0	0	0	0	0	24	0
Washington State U	28,863	8,294	164	1,861	111	157	2,598	700	9,026	556	5,187	209
Western Washington U	774	46	0	106	0	0	0	129	86	64	343	0
Whitman College	37	0	0	0	0	0	0	0	0	13	24	0
Whitworth College	115	0	0	0	0	0	0	0	0	0	115	0
West Virginia, total	28,642	4,100	0	589	0	0	8,099	1,750	8,382	1,775	1,544	2,403
Col of West Virginia	231	0	0	0	0	0	231	0	0	0	0	0
Fairmont State College	70	6	0	0	0	0	0	0	0	0	64	0
Marshall University	1,630	29	0	0	0	0	0	0	1,485	0	84	32
West Virginia Inst Tech	251	3	0	248	0	0	0	0	0	0	0	0
West Virginia State Col	182	0	0	0	0	0	0	0	0	132	0	50
West Virginia U Morgantwn	24,797	4,062	0	341	0	0	7,868	1,750	6,897	162	1,396	2,321
Wheeling College	1,481	0	0	0	0	0	0	0	0	1,481	0	0
Wisconsin, total	235,406	11,402	1,737	7,907	60	4,194	18,518	2,304	126,915	14,178	46,989	1,202
Beloit College	342	0	0	0	0	0	0	0	93	79	170	0
Lawrence University	30	0	0	0	0	0	0	0	0	0	30	0
Marquette University	2,332	100	0	79	0	0	83	0	1,094	284	692	0
Medical College WI	24,714	0	0	0	0	0	0	25	23,819	192	485	193
Mount Senario College	40	0	0	0	0	0	40	0	0	0	0	0
Northland College	5	5	0	0	0	0	0	0	0	0	0	0
U WI Center System	55	0	0	0	0	0	0	0	55	0	0	0
U WI Eau Claire	145	0	0	0	0	0	0	0	0	0	145	0
U WI Green Bay	108	0	0	0	0	0	0	0	108	0	0	0
U WI La Crosse	955	0	0	0	0	0	0	0	0	0	955	0
U WI Madison	192,414	11,237	120	7,285	60	0	17,779	767	98,768	13,504	41,941	953
U WI Milwaukee	5,935	0	0	468	0	0	616	47	2,584	119	2,100	1
U WI Oshkosh	154	0	0	0	0	0	0	0	102	0	52	0
U WI Parkside	75	0	0	75	0	0	0	0	0	0	0	0

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Table 4. Federal obligations for science and engineering research and development to universities and colleges, by State, institution, and agency: fiscal year 1992

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD research 1/	DoD development 1/	Ed	DOE	EPA	HHS	NASA	NSF	Other 2/
Wisconsin, continued:												
U WI River Falls	292	0	0	0	0	0	0	0	292	0	0	0
U WI Stevens Point	97	60	0	0	0	0	0	0	0	0	37	0
U WI Stout	752	0	0	0	0	752	0	0	0	0	0	0
U WI Superior	1,597	0	0	0	0	0	0	1,465	0	0	132	0
U WI System Office	5,364	0	1,617	0	0	3,442	0	0	0	0	250	55
Wyoming, total	12,706	2,158	0	827	0	0	929	155	1,369	491	5,561	1,216
Northwest College	47	0	0	0	0	0	0	0	0	0	47	0
University of Wyoming	12,659	2,158	0	827	0	0	929	155	1,369	491	5,514	1,216
Guam, total	1,656	1,060	0	0	0	0	0	0	0	0	394	202
University of Guam	1,656	1,060	0	0	0	0	0	0	0	0	394	202
Puerto Rico, total	25,099	4,225	207	558	0	0	39	131	12,348	437	7,154	0
American U Puerto Rico	39	0	0	0	0	0	39	0	0	0	0	0
Carib Ctr Adv Studies	108	0	0	108	0	0	0	0	0	0	0	0
Inter Am U PR Metropol	62	0	0	0	0	0	0	0	0	0	62	0
Inter Am U PR San German	32	0	0	0	0	0	0	0	0	0	32	0
Ponce School of Medicine	1,656	0	0	0	0	0	0	0	1,656	0	0	0
U Central Del Caribe	1,142	0	0	0	0	0	0	0	1,142	0	0	0
U PR Humacao U Col	176	0	0	0	0	0	0	0	105	0	71	0
U PR Mayaguez	6,202	4,225	0	50	0	0	0	0	0	337	1,590	0
U PR Medical Sci	8,378	0	0	0	0	0	0	0	8,303	50	25	0
U PR Rio Piedras	2,182	0	0	400	0	0	0	96	1,142	50	494	0
U PR System Off	5,045	0	207	0	0	0	0	0	0	0	4,838	0
U of the Sacred Heart	42	0	0	0	0	0	0	0	0	0	42	0
Universidad Metropolitana	35	0	0	0	0	0	0	35	0	0	0	0
American Samoa, total	680	680	0	0	0	0	0	0	0	0	0	0
American Samoa Cmty Col	680	680	0	0	0	0	0	0	0	0	0	0
Virgin Islands, total	1,167	1,027	0	0	0	0	0	0	0	0	34	106
U of the Virgin Islands	1,167	1,027	0	0	0	0	0	0	0	0	34	106
Trust Territory of the Pacific Islands, total	779	779	0	0	0	0	0	0	0	0	0	0
Cmty Col Micronesia	341	341	0	0	0	0	0	0	0	0	0	0
Northern Marianas College	438	438	0	0	0	0	0	0	0	0	0	0

1/ In this table Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-affiliated laboratories that are separate from the academic departments.

2/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, Nuclear Regulatory Commission, and Department of the Interior

KEY:
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1992

Table 5. Federal obligations to universities and colleges, by type of activity and agency: fiscal years 1963-92

[Dollars in millions]

Activity and year	Total	USDA	Com	DoD	OEO	Ed	DOE 1/	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
	Total, all activities																
1963	1,413.0	104.0	1.8	218.0	NA	NA	76.1	NA	665.3	NA	4.0	NA	NA	87.4	256.3	NA	NA
1964	1,625.0	115.0	1.7	258.1	NA	NA	79.9	NA	780.0	NA	5.3	NA	NA	107.6	277.5	NA	NA
1965	2,305.5	135.6	2.6	267.9	NA	NA	84.4	NA	1,345.6	NA	9.7	NA	NA	134.3	325.2	NA	NA
1966	3,009.9	141.0	2.8	278.0	NA	NA	96.9	NA	1,952.2	NA	22.4	NA	NA	142.2	374.5	NA	NA
1967	3,317.7	144.8	7.9	264.1	NA	NA	109.6	NA	2,237.8	NA	27.4	NA	NA	131.5	394.5	NA	NA
1968	3,386.6	144.2	9.8	243.1	54.7	NA	119.7	NA	2,222.2	1.7	28.2	NA	6.6	129.8	422.8	NA	3.8
1969	3,462.4	155.9	3.9	278.7	60.4	NA	121.0	NA	2,302.4	1.1	24.3	10.0	10.4	127.2	367.0	NA	NA
1970	3,236.6	182.1	4.9	265.5	35.6	NA	114.5	NA	2,060.9	.6	27.7	10.9	5.2	131.2	387.4	NA	10.1
1971	3,498.6	214.6	9.7	249.0	37.5	NA	105.8	27.2	2,274.6	.7	22.6	19.1	5.2	134.1	387.7	NA	10.6
1972	4,144.7	238.6	26.0	243.9	30.0	NA	95.4	23.3	2,841.9	1.5	24.4	18.7	7.5	119.0	458.7	NA	15.9
1973	3,839.1	256.8	28.6	232.9	30.1	NA	96.2	27.7	2,576.3	.9	23.8	10.7	8.3	111.4	419.6	NA	15.9
1974	4,480.4	260.7	29.5	184.4	10.0	NA	99.5	30.9	3,250.4	2.9	23.8	19.9	7.2	98.9	449.6	NA	12.8
1975	4,547.3	290.7	26.4	190.5	NA	NA	124.3	38.8	3,208.0	2.3	28.8	12.4	5.5	108.0	490.5	0.1	20.8
1976	5,402.8	328.6	39.1	211.9	NA	NA	144.1	33.0	3,964.3	1.4	28.2	13.5	4.5	118.9	496.3	3.3	15.7
1977	6,489.7	346.7	32.5	267.3	NA	NA	211.8	46.3	4,817.0	4.3	29.5	24.4	7.2	121.0	565.8	4.7	11.4
1978	7,474.5	394.8	35.9	452.3	NA	NA	269.7	58.5	5,403.8	10.5	44.0	28.1	12.6	130.5	607.1	8.8	17.8
1979 2/	7,604.8	427.0	48.0	528.7	NA	NA	274.9	68.3	3,935.0	4.0	40.1	28.5	13.7	143.9	671.6	6.9	11.4
1980	8,298.8	448.4	52.2	555.9	NA	2,832.1	312.2	63.4	2,985.8	4.3	45.8	38.6	16.2	171.2	726.4	7.0	19.4
1981 2/	8,640.9	495.6	51.8	748.2	NA	3,206.0	315.7	70.6	2,749.8	3.0	38.7	31.3	15.1	183.5	695.1	7.4	29.0
1982 2/	8,777.0	532.1	40.6	873.1	NA	3,311.4	295.3	65.4	2,624.9	2.6	28.5	50.4	10.5	176.9	728.1	5.2	12.0
1983 2/	9,344.6	570.0	51.0	954.9	NA	3,454.2	328.1	51.2	2,809.7	1.5	35.8	43.4	9.5	203.8	798.8	4.8	28.4
1984	10,039.5	611.6	106.0	965.7	NA	3,517.1	354.6	52.9	3,148.4	.4	45.8	56.3	7.1	216.6	935.6	4.9	16.6
1985	10,971.6	656.8	81.4	1,067.1	NA	3,518.7	454.7	66.1	3,672.1	.4	44.4	57.0	6.8	251.0	1,078.7	5.4	11.2
1986	11,619.2	624.2	70.3	1,214.0	NA	3,996.5	420.6	70.8	3,773.6	.3	50.8	44.3	6.5	270.3	1,055.8	3.8	17.3
1987	13,433.8	678.4	93.5	1,297.9	NA	4,850.8	475.1	74.3	4,453.0	.5	46.5	53.3	11.1	309.8	1,069.5	3.9	16.0
1988	14,066.5	746.8	87.3	1,385.8	NA	4,866.2	537.6	66.2	4,770.6	**	53.1	48.5	10.9	363.7	1,102.0	3.6	24.2
1989	15,503.8	728.6	81.4	1,487.7	NA	5,378.9	566.0	85.8	5,204.6	**	68.4	65.3	9.2	461.9	1,336.2	4.3	25.4
1990	15,197.9	769.8	115.6	1,342.2	NA	4,678.6	557.0	93.6	5,500.8	.1	76.3	47.4	11.3	511.3	1,445.1	4.6	44.3
1991	17,552.4	876.2	135.5	1,729.6	NA	5,473.8	665.2	115.9	6,125.0	**	104.8	31.9	9.2	592.9	1,642.3	5.4	44.5
1992	19,047.5	951.2	146.8	1,699.3	NA	6,065.4	708.5	150.0	6,614.0	.2	103.2	27.6	12.6	679.8	1,830.2	5.9	52.8
	Total academic science and engineering (S&E)																
1963	1,328.5	104.0	1.8	218.0	NA	NA	76.1	NA	561.0	NA	3.8	NA	NA	87.4	256.3	NA	NA
1964	1,528.6	115.0	1.7	258.1	NA	NA	79.9	NA	683.8	NA	5.0	NA	NA	107.6	277.5	NA	NA
1965	1,816.2	135.6	2.6	267.9	NA	NA	84.4	NA	856.5	NA	9.6	NA	NA	134.3	325.2	NA	NA
1966	2,163.5	141.0	2.8	278.0	NA	NA	96.9	NA	1,109.2	NA	19.0	NA	NA	142.2	374.5	NA	NA
1967	2,323.8	144.8	4.4	264.1	NA	NA	109.6	NA	1,251.0	NA	23.9	NA	NA	131.5	394.5	NA	NA
1968	2,349.8	144.2	8.0	243.1	12.5	NA	119.7	NA	1,229.4	1.7	28.2	NA	6.6	129.8	422.8	NA	3.7
1969	2,361.4	155.9	2.2	278.7	9.3	NA	121.0	NA	1,261.8	1.1	24.3	3.9	9.1	127.2	367.0	NA	NA
1970	2,187.6	182.1	3.9	265.5	18.9	NA	114.5	NA	1,036.7	.5	27.7	5.5	3.5	131.2	387.4	NA	10.1
1971	2,343.1	214.6	7.6	249.0	16.4	NA	105.8	27.2	1,142.3	.7	22.6	19.1	5.2	134.1	387.7	NA	10.8
1972	2,599.1	238.6	26.0	243.9	8.3	NA	95.4	23.3	1,318.4	1.5	24.3	18.7	7.3	119.0	458.7	NA	15.9
1973	2,464.4	256.8	28.4	232.9	8.7	NA	96.2	27.7	1,225.0	.9	23.7	10.7	8.3	111.4	419.6	NA	15.9
1974	2,737.0	260.7	29.4	184.4	4.1	NA	99.5	30.9	1,515.4	.6	23.8	19.9	7.1	98.9	449.6	NA	12.8
1975	2,805.9	290.7	25.8	190.5	NA	NA	124.3	38.8	1,467.4	2.3	28.8	12.4	5.5	108.0	490.5	**	20.8
1976	2,959.7	328.6	38.2	211.9	NA	NA	144.1	33.0	1,522.2	1.4	28.2	13.5	4.5	118.9	496.3	3.2	15.7
1977	3,351.3	343.2	32.5	267.3	NA	NA	208.1	46.3	1,686.5	4.3	29.5	24.4	7.2	121.0	565.8	4.5	10.9
1978	3,962.5	391.7	35.9	452.3	NA	NA	267.2	57.4	1,900.8	10.5	42.5	28.1	12.6	130.5	607.1	8.4	17.5
1979	4,473.5	422.5	48.0	528.7	NA	NA	273.9	66.9	2,216.0	4.0	40.1	28.5	11.1	143.9	671.6	6.9	11.4
1980	4,791.0	444.1	51.6	555.9	NA	48.0	309.6	81.5	2,281.1	4.3	42.4	38.6	10.3	171.2	726.4	7.0	19.1
1981	5,062.9	491.4	51.8	726.0	NA	56.1	310.4	67.5	2,363.6	3.0	34.2	31.3	12.8	183.5	695.1	7.4	28.5
1982	5,179.6	529.7	40.6	857.3	NA	35.6	288.2	63.8	2,332.8	2.6	28.3	50.4	8.4	176.9	728.1	5.0	12.0
1983	5,680.6	566.0	51.0	940.3	NA	34.9	320.0	50.3	2,602.2	1.5	32.0	43.4	6.4	203.8	798.8	4.7	25.4
1984	6,308.0	607.4	105.8	954.6	NA	43.6	348.4	51.9	2,934.1	.2	32.2	56.3	3.1	216.6	935.6	4.6	13.6
1985	7,257.9	652.8	81.2	1,061.1	NA	69.6	451.7	65.2	3,440.0	.2	33.1	57.0	3.4	251.0	1,078.7	5.4	7.6
1986	7,430.9	620.7	70.3	1,206.2	NA	74.0	420.5	70.8	3,536.0	.1	40.9	44.3	3.7	270.3	1,055.8	3.8	13.6
1987	8,567.3	674.7	88.8	1,278.5	NA	280.8	475.1	74.3	4,195.3	.1	39.4	53.3	8.3	309.8	1,069.5	3.9	15.3
1988	9,136.2	741.7	81.4	1,377.4	NA	255.6	536.2	66.2	4,486.2	**	41.6	48.5	8.0	363.7	1,102.0	3.6	24.2
1989	10,074.6	721.7	74.0	1,486.4	NA	269.6	565.3	85.8	4,916.3	.0	56.2	65.3	6.5	461.9	1,336.2	4.3	25.1
1990	10,443.1	762.1	110.4	1,342.2	NA	260.1	556.1	93.6	5,198.4	.1	60.5	47.4	8.6	511.3	1,445.1	4.6	42.6
1991	11,829.3	867.5	121.9	1,539.2	NA	354.1	661.8	115.9	5,763.5	**	82.8	31.9	5.8	592.9	1,642.3	5.4	44.1
1992	12,729.7	941.9	129.2	1,509.7	NA	402.3	705.3	150.0	6,207.6	.2	79.7	27.6	9.0	679.8	1,830.2	5.9	51.3

See explanatory information, if any, and SOURCE at end of table.

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Table 5. Federal obligations to universities and colleges, by type of activity and agency: fiscal years 1963-92

[Dollars in millions]

Activity and year	Total	USDA	Com	DoD	OEO	Ed	DOE 1/	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
	Research and development (R&D)																
1963	829.5	40.6	1.5	218.0	NA	NA	68.3	NA	332.9	NA	3.8	NA	NA	59.8	104.6	NA	NA
1964	975.6	47.5	1.1	258.1	NA	NA	70.5	NA	399.2	NA	5.0	NA	NA	78.2	115.8	NA	NA
1965	1,095.0	59.1	2.1	267.9	NA	NA	74.8	NA	441.9	NA	9.5	NA	NA	100.6	139.2	NA	NA
1966	1,252.1	62.9	2.1	278.0	NA	NA	83.2	NA	507.3	NA	18.7	NA	NA	107.4	192.5	NA	NA
1967	1,301.2	64.0	3.4	264.1	NA	NA	89.7	NA	577.0	NA	23.9	NA	NA	109.0	170.2	NA	NA
1968	1,398.3	62.2	6.7	243.1	12.5	NA	101.8	NA	619.1	1.0	27.8	NA	6.6	126.1	187.7	NA	3.7
1969	1,474.7	63.6	1.7	278.7	9.3	NA	103.1	NA	667.1	1.0	23.5	3.9	9.1	122.3	191.5	NA	NA
1970	1,446.6	67.4	3.2	265.5	18.9	NA	101.4	NA	614.9	.5	27.1	5.5	3.5	127.4	201.2	NA	10.1
1971	1,551.4	74.8	6.9	249.0	16.4	NA	95.9	17.0	695.7	.7	21.3	17.1	3.3	128.5	216.9	NA	8.0
1972	1,853.1	88.6	23.6	243.9	8.3	NA	86.9	17.7	879.3	1.5	23.0	13.5	7.3	112.4	334.7	NA	12.4
1973	1,870.7	93.8	24.9	232.9	8.7	NA	85.2	18.6	903.8	.9	22.2	8.4	5.0	102.6	348.5	NA	15.2
1974	2,085.2	96.7	26.6	184.4	3.4	NA	94.6	24.1	1,129.0	.6	22.2	18.4	5.6	92.0	376.1	NA	11.5
1975	2,246.2	110.5	22.2	190.5	NA	NA	119.2	33.8	1,205.3	2.3	27.2	8.3	4.0	100.2	404.6	.0	18.1
1976	2,431.0	124.2	29.0	211.9	NA	NA	138.1	29.3	1,296.2	1.4	25.7	10.7	3.0	106.8	436.6	3.2	14.9
1977	2,803.0	142.2	32.2	267.3	NA	NA	187.2	45.0	1,432.1	4.3	27.4	20.2	7.2	113.7	491.0	3.8	9.6
1978	3,388.4	175.3	35.0	452.3	NA	NA	251.1	53.8	1,657.6	10.5	34.3	24.9	12.6	124.7	531.5	8.4	16.4
1979	3,874.4	193.8	46.5	528.7	NA	NA	256.4	61.1	1,966.5	4.0	35.3	28.0	11.1	137.2	587.8	6.5	11.4
1980	4,160.5	211.8	50.4	555.9	NA	48.0	279.6	76.9	2,025.6	4.3	38.8	38.6	10.3	161.3	633.9	6.1	19.1
1981	4,410.9	241.4	51.1	700.5	NA	56.1	281.8	64.2	2,112.8	3.0	30.2	31.3	12.8	173.9	616.8	7.0	27.8
1982	4,554.5	256.5	39.7	813.7	NA	35.6	265.2	78.1	2,110.6	.5	21.5	50.4	8.4	167.7	689.8	5.0	11.7
1983	5,024.3	273.9	50.1	913.4	NA	34.9	296.6	45.3	2,360.3	1.1	20.8	43.4	6.4	189.4	759.1	4.7	25.1
1984	5,448.8	273.0	75.6	827.8	NA	43.6	317.1	47.3	2,681.4	.2	32.2	56.3	3.1	203.8	869.6	4.6	13.2
1985	6,246.2	300.4	79.7	908.9	NA	69.6	373.1	61.9	3,098.6	.2	32.9	57.0	3.4	237.3	1,011.1	4.9	7.2
1986	6,456.7	290.1	68.3	1,055.0	NA	72.2	346.9	67.9	3,212.1	.1	40.9	44.3	3.7	254.0	983.9	3.8	13.3
1987	7,241.0	296.0	87.6	1,098.9	NA	85.2	371.6	67.1	3,835.3	.1	39.4	53.3	8.3	293.6	987.5	3.9	13.2
1988	7,719.2	321.3	75.8	1,194.2	NA	69.6	407.6	64.1	4,128.3	**	39.1	48.5	8.0	339.5	998.3	3.6	21.3
1989	8,522.6	336.0	66.0	1,220.6	NA	68.6	448.7	77.5	4,512.0	.0	52.8	65.3	6.5	435.7	1,206.6	4.3	21.9
1990	9,005.8	349.1	97.3	1,196.9	NA	71.1	496.8	87.1	4,774.5	.1	57.8	47.4	8.6	470.7	1,304.6	4.6	39.2
1991	10,027.1	408.8	61.9	1,323.1	NA	94.5	613.7	104.3	5,301.2	**	70.2	31.9	5.8	533.7	1,438.6	5.4	33.9
1992	10,863.9	464.6	66.9	1,314.4	NA	104.6	642.2	135.4	5,785.8	.2	67.6	27.6	9.0	605.6	1,604.1	5.9	30.1
	DoD research only 3/																
1990	NA	NA	NA	720.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1991	NA	NA	NA	840.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1992	NA	NA	NA	838.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	DoD development only 3/																
1990	NA	NA	NA	476.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1991	NA	NA	NA	482.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1992	NA	NA	NA	475.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See explanatory information, if any, and SOURCE at end of table.

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Table 5. Federal obligations to universities and colleges, by type of activity and agency: fiscal years 1963-92

[Dollars in millions]

Activity and year	Total	USDA	Com	DoD	OEO	Ed	DOE 1/	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
	R&D plant																
1963	105.9	.0	.0	.0	NA	NA	2.6	NA	39.2	NA	0.1	NA	NA	13.4	50.6	NA	NA
1964	100.8	.0	.0	.0	NA	NA	4.0	NA	39.9	NA	.0	NA	NA	9.1	47.8	NA	NA
1965	126.2	3.2	.0	.0	NA	NA	3.8	NA	54.8	NA	**	NA	NA	8.4	56.0	NA	NA
1966	114.8	2.0	.0	.0	NA	NA	7.4	NA	48.5	NA	.2	NA	NA	7.4	49.3	NA	NA
1967	111.3	2.0	0.3	.0	NA	NA	13.8	NA	38.1	NA	.0	NA	NA	5.0	52.1	NA	NA
1968	96.1	1.9	.2	.0	.0	NA	11.9	NA	36.9	.0	.0	NA	.0	.0	45.3	NA	.0
1969	54.5	1.2	.0	.0	.0	NA	11.4	NA	20.5	.0	**	.0	.0	.0	21.4	NA	NA
1970	44.8	1.1	**	.0	.0	NA	7.1	NA	20.0	.0	.0	.0	.0	.0	16.5	NA	.0
1971	29.9	.0	.0	.0	.0	NA	4.8	.0	15.2	.0	.0	.0	.0	.2	9.7	NA	.0
1972	36.9	.0	.0	.0	.0	NA	4.1	.0	22.2	.0	.0	.0	.0	.6	10.0	NA	.0
1973	43.3	.0	.3	.0	.0	NA	5.6	.0	26.7	.0	.2	.0	.0	3.0	7.4	NA	.0
1974	29.0	.0	.0	.0	.0	NA	4.2	.0	14.5	.0	.0	.0	.0	.1	10.2	NA	.0
1975	44.8	.0	.0	.0	NA	NA	4.2	.0	22.9	.0	.0	.0	.0	.1	17.6	.0	.0
1976	23.9	.0	1.0	.0	NA	NA	5.6	.0	11.4	.0	.0	.0	.0	.1	5.9	.0	.0
1977	36.5	.0	.0	.0	NA	NA	17.5	.0	11.1	.0	.0	.0	.0	**	7.3	.0	0.5
1978	34.3	.0	.0	.0	NA	NA	13.4	**	9.9	.0	.0	.0	.0	.0	11.0	.0	**
1979	32.1	.0	.0	.0	NA	NA	9.1	.0	7.5	.0	.0	0.5	.0	.2	14.7	.0	.0
1980	37.8	.0	.0	.0	NA	.0	20.6	.0	4.4	.0	.0	.0	.0	.2	12.6	.0	.0
1981	27.7	.0	.0	1.1	NA	.0	19.6	.0	2.0	.0	.0	.0	.0	.1	4.9	.0	.0
1982	31.2	.0	.0	.5	NA	.0	18.8	1.4	5.4	.0	.0	.0	.0	.2	4.9	.0	.0
1983	37.5	9.6	.0	.0	NA	.0	17.2	.1	1.5	.0	.0	.0	.0	1.5	7.7	.0	.0
1984	49.8	9.6	.0	.0	NA	.0	29.5	.1	.7	.0	.0	.0	.0	.3	9.7	.0	.0
1985	113.9	9.6	.0	**	NA	.0	77.7	.1	11.4	.0	.0	.0	.0	.2	14.9	.0	.0
1986	105.8	9.1	1.2	.0	NA	1.8	73.0	.0	4.2	.0	.0	.0	.0	.4	16.0	.0	.0
1987	229.9	65.4	.1	.0	NA	49.2	102.9	.0	4.2	.0	.0	.0	.0	.6	7.4	.0	.0
1988	202.9	68.0	.0	.0	NA	1.3	127.7	.0	.0	.0	.0	.0	.0	.6	5.4	.0	.0
1989	237.0	31.1	1.2	57.9	NA	1.3	115.5	.0	22.0	.0	.0	.0	.0	1.2	6.7	.0	.0
1990	124.8	45.1	.1	.0	NA	.0	57.2	.0	13.7	.0	.0	.0	.0	1.3	7.5	.0	.0
1991	151.8	58.3	.3	14.7	NA	2.1	41.4	.0	25.5	.0	.0	.0	.0	.8	8.8	.0	.0
1992	194.7	58.3	.2	.0	NA	.4	53.7	.0	17.2	.0	.0	.0	.0	1.1	63.8	.0	.0

See explanatory information, if any, and SOURCE at end of table.

Table 5. Federal obligations to universities and colleges, by type of activity and agency: fiscal years 1963-92

[Dollars in millions]

Activity and year	Total	USDA	Com	DoD	OEO	Ed	DOE 1/	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
	Facilities for instruction in S&E																
1971 4/	28.7	0.3	.0	.0	.0	NA	2.3	.0	13.9	.0	0.1	.0	.0	.0	12.1	NA	.0
1972	26.3	.5	.0	.0	.0	NA	1.9	.0	20.9	.0	.0	.0	.0	.0	3.0	NA	.0
1973	13.4	.0	.0	.0	.0	NA	2.3	.0	9.4	.0	.1	.0	.0	.0	1.6	NA	.0
1974	3.5	.0	.0	.0	.0	NA	.0	.0	.4	.0	**	.0	.0	.0	3.1	NA	.0
1975	5.0	.0	0.1	.0	NA	NA	.0	.0	4.9	.0	.0	.0	.0	.0	**	.0	.0
1976	3.2	.0	.3	.0	NA	NA	.0	.0	.0	.0	.0	.0	.0	.0	3.0	.0	.0
1977	3.3	.0	.0	.0	NA	NA	.4	.0	.0	.0	.0	.0	.0	.0	2.9	.0	.0
1978	4.9	.0	.0	.0	NA	NA	1.3	.0	.0	.0	**	.0	.0	.0	3.5	.0	.0
1979	6.7	.0	.0	.0	NA	NA	3.5	.0	.0	.0	.0	.0	.0	.0	3.2	.0	.0
1980	3.8	.0	.0	.0	NA	.0	.9	0.1	.0	.0	.0	.0	.0	.0	2.8	.0	.0
1981	4.6	.0	.0	0.2	NA	.0	1.1	**	.0	.0	.0	.0	.0	.0	3.2	.0	.0
1982	.8	.0	.0	**	NA	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1983	2.5	.0	.0	**	NA	.0	2.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0
1984	1.9	.0	1.6	.3	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
1985	4.9	.0	.0	.0	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	0.1	.0
1986	5.0	.0	.0	.0	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	.0	.0
1987	13.7	.0	.0	.0	NA	5.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7	.0	.0
1988	13.3	.0	2.5	.0	NA	.0	.0	.0	.0	.0	.4	.0	.0	.0	10.4	.0	.0
1989	16.9	.0	1.6	.0	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.3	.0	.0
1990	19.2	.0	4.5	.0	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.7	.0	.0
1991	32.7	.0	4.7	**	NA	.0	.0	.0	.0	.0	.0	.0	.0	.0	21.8	.0	6.2
1992	38.5	.0	7.0	.0	NA	.0	1.3	.0	.0	.0	.0	.0	.0	.0	21.2	.0	9.0
	Fellowships, traineeships, and training grants																
1966 4/	365.6	NA	.0	NA	NA	NA	3.2	NA	289.9	NA	.0	NA	NA	25.0	47.5	NA	NA
1967	447.2	NA	.0	NA	NA	NA	3.7	NA	379.1	NA	.0	NA	NA	15.0	49.4	NA	NA
1968	440.9	NA	.0	NA	.0	NA	3.6	NA	387.0	NA	.0	NA	.0	.9	49.4	NA	.0
1969	436.3	NA	.0	NA	.0	NA	5.5	NA	375.7	NA	.0	NA	.0	1.3	53.8	NA	NA
1970	429.4	NA	.0	NA	.0	NA	5.0	NA	369.6	NA	.0	NA	.0	2.1	52.7	NA	.0
1971	421.0	.0	**	.0	.0	NA	2.6	10.1	361.4	.0	**	.0	0.6	1.0	42.3	NA	2.8
1972	387.9	.0	0.4	.0	.0	NA	2.0	5.6	346.6	.0	.0	.0	.0	1.1	28.8	NA	3.5
1973	287.2	.0	.6	.0	.0	NA	2.3	9.2	256.8	.0	.0	.0	.0	1.3	18.4	NA	.7
1974	326.6	.0	**	.0	0.7	NA	.5	6.8	301.5	.0	.0	.0	.0	1.2	14.4	NA	1.3
1975	201.3	.0	**	.0	NA	NA	.7	5.0	181.7	.0	.0	.0	.0	1.3	9.7	.0	2.7
1976	174.9	.0	.0	.0	NA	NA	.1	3.6	155.6	.0	.0	.0	.0	1.3	13.4	**	.8
1977	184.7	.0	.0	.0	NA	NA	.2	1.3	165.9	.0	.0	.0	.0	1.4	14.8	0.1	.8
1978	205.9	.0	.0	.0	NA	NA	.7	3.6	184.2	.0	3.2	0.6	.0	1.3	11.7	**	.6
1979	204.9	.0	.0	.0	NA	NA	1.9	4.5	182.3	.0	.3	.0	.0	1.8	14.1	.0	.0
1980	210.1	.0	.0	.0	NA	.0	.0	4.5	187.6	.0	1.4	.0	.0	2.8	13.8	.0	.0
1981	205.4	.0	.0	.0	NA	.0	.0	2.4	183.5	.0	.9	.0	.0	3.7	14.8	.1	.0
1982	176.6	.0	.0	.0	NA	.0	.3	2.5	151.9	.0	.0	.0	.0	4.2	17.5	.0	.4
1983	189.6	0.2	.2	0.7	NA	.0	.2	2.6	164.0	.0	.0	.0	.0	5.2	16.2	.0	.3
1984	194.9	.2	.1	.0	NA	.0	.6	1.8	164.6	.0	.0	.0	.0	5.3	21.8	.0	.4
1985	253.1	7.0	.1	.8	NA	.0	.4	2.1	210.9	.0	.0	.0	.0	5.6	25.8	.0	.4
1986	246.2	4.7	.0	.5	NA	.0	.5	2.8	204.3	.0	.0	.0	.0	7.9	25.2	.0	.2
1987	290.9	4.7	.6	2.3	NA	11.8	.6	1.8	232.5	.0	.0	.0	.0	8.7	27.7	.0	.2
1988	309.3	4.6	2.6	1.5	NA	13.5	.7	2.0	239.3	.0	.0	.0	**	15.8	29.2	.0	.0
1989	340.5	4.6	1.2	.1	NA	22.9	.9	6.3	256.2	.0	.0	.0	**	13.0	33.0	.0	.2
1990	393.8	7.8	.7	.1	NA	28.5	1.6	3.5	288.9	.0	**	.0	.0	21.7	41.0	.0	.1
1991	467.5	10.9	3.9	1.2	NA	53.9	6.7	8.0	311.5	.0	.0	.0	.0	36.3	34.5	.0	.6
1992	506.7	10.5	4.0	2.7	NA	63.8	8.1	10.6	318.1	.0	.0	.0	.0	40.4	46.1	.0	2.3

See explanatory information, if any, and SOURCE at end of table.

Table 5. Federal obligations to universities and colleges, by type of activity and agency: fiscal years 1963-92

[Dollars in millions]

Activity and year	Total	USDA	Com	DoD	OEO	Ed	DOE 1/	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
	General support for S&E																
1971 4/	99.7	.0	0.2	.0	.0	NA	.0	.0	40.2	.0	1.1	.0	1.2	.0	56.9	NA	.0
1972	83.3	.0	1.5	.0	.0	NA	.0	.0	40.7	.0	1.2	5.2	.0	.0	34.7	NA	.0
1973	39.0	.0	.0	.0	.0	NA	.0	.0	20.2	.0	1.3	2.3	.9	.0	14.2	NA	.0
1974	87.0	.0	.5	.0	.0	NA	.0	.0	64.2	.0	1.6	1.5	1.4	.0	17.8	NA	.0
1975	46.4	.0	1.8	.0	NA	NA	.0	.0	37.3	.0	1.6	4.2	1.5	.0	.0	.0	.0
1976	74.5	.0	4.4	.0	NA	NA	.0	.0	41.8	.0	2.4	2.8	1.5	.0	21.6	.0	.0
1977	75.9	.0	.0	.0	NA	NA	2.5	.0	42.0	.0	1.8	4.1	.0	.0	24.8	0.7	.0
1978	74.4	.0	.0	.0	NA	NA	.3	.0	45.0	.0	5.0	.0	.0	.0	23.8	.0	0.3
1979	92.5	4.7	.0	.0	NA	NA	**	1.3	52.8	.0	4.4	.0	.0	.0	29.3	.0	.0
1980	91.5	.0	.0	.0	NA	.0	5.8	.0	60.1	.0	2.3	.0	.0	.0	23.2	.4	.0
1981	92.7	.0	.0	7.1	NA	.0	.0	.9	60.0	.0	3.1	.0	.0	.0	21.0	.0	.7
1982	80.1	.0	.0	4.8	NA	.0	**	1.7	61.3	2.0	6.8	.0	.0	.0	3.5	.0	.0
1983	94.8	.0	.0	3.2	NA	**	3.7	1.6	73.6	.4	11.2	.0	.0	.0	1.2	.0	.0
1984	112.6	.0	20.3	3.7	NA	.0	.6	2.7	83.9	.0	.0	.0	.0	.0	1.5	.0	.0
1985	119.2	.0	**	1.8	NA	.0	.4	1.1	112.5	.0	.3	.0	.0	.0	3.0	.0	.0
1986	111.1	.0	**	2.1	NA	.0	.0	.0	106.1	.0	.0	.0	.0	.0	2.8	.0	.0
1987	236.9	.0	.0	5.9	NA	106.1	.0	4.3	113.1	.0	.0	.0	.0	.0	5.5	.0	.0
1988	171.8	.0	.0	2.5	NA	54.8	.2	.0	109.0	.0	2.1	.0	.0	.0	3.4	.0	.0
1989	197.7	.0	.0	1.8	NA	80.2	.0	.0	109.5	.0	3.3	.0	.0	.0	2.9	.0	.0
1990	143.9	.0	1.0	.0	NA	30.1	.5	3.1	102.2	.0	2.7	.0	.0	.0	4.3	.0	.0
1991	192.8	.0	29.4	.0	NA	32.1	.2	3.5	108.7	.0	12.5	.0	.0	.0	6.4	.0	.0
1992	159.2	.0	28.2	.0	NA	36.5	.0	4.0	69.3	.0	12.1	.0	.0	.0	7.7	.0	1.5
	Other S&E activities																
1963	393.1	63.4	0.3	.0	NA	NA	5.3	NA	208.9	NA	**	NA	NA	14.1	101.1	NA	NA
1964	452.2	67.5	.5	.0	NA	NA	5.4	NA	244.6	NA	**	NA	NA	20.2	113.9	NA	NA
1965	595.0	73.3	.6	.0	NA	NA	5.9	NA	359.8	NA	**	NA	NA	25.4	130.1	NA	NA
1966	431.0	76.1	.7	.0	NA	NA	3.1	NA	263.4	NA	0.2	NA	NA	2.3	85.2	NA	NA
1967	464.0	78.8	.7	.0	NA	NA	2.5	NA	256.7	NA	**	NA	NA	2.4	122.8	NA	NA
1968	414.5	80.1	1.0	.0	.0	NA	2.5	NA	186.4	0.7	.4	NA	.0	2.8	140.5	NA	**
1969	395.9	91.1	.5	**	.0	NA	1.0	NA	198.4	.1	.9	.0	.0	3.7	100.2	NA	NA
1970	266.8	113.5	.7	**	.0	NA	1.0	NA	32.2	.0	.6	.0	.0	1.7	117.0	NA	.0
1971	212.4	139.5	.5	.0	.0	NA	.3	.0	15.9	.0	.0	2.0	0.1	4.2	49.9	NA	.0
1972	211.6	149.5	.6	.0	.0	NA	.5	.0	8.6	.0	.0	.0	.0	4.9	47.5	NA	.0
1973	210.8	163.0	2.7	.0	.0	NA	.6	.0	8.0	.0	.0	.0	.4	4.5	31.4	NA	.0
1974	205.7	164.0	2.2	.0	.0	NA	.2	.0	5.7	.0	.0	.0	.0	5.7	27.9	NA	.0
1975	262.3	180.2	1.7	.0	NA	NA	.1	.0	15.3	.0	.0	.0	**	6.4	58.6	**	.0
1976	252.2	204.4	3.6	.0	NA	NA	.3	.0	17.1	.0	.1	.0	.0	10.7	16.0	.0	.0
1977	248.0	201.0	.3	.0	NA	NA	.3	.0	15.4	.0	.3	.0	.0	5.9	24.9	.0	.0
1978	254.5	216.4	.9	.0	NA	NA	.3	.0	4.1	.0	.0	2.6	.0	4.4	25.6	.0	0.2
1979	263.0	224.0	1.5	.0	NA	NA	3.0	0.1	6.9	.0	.0	.0	.0	4.7	22.4	0.4	.0
1980	287.2	232.3	1.2	.0	NA	.0	2.8	.0	3.4	.0	.0	.0	.0	6.9	40.2	.5	.0
1981	321.5	250.0	.7	17.1	NA	.0	7.9	**	5.3	.0	**	.0	.0	5.7	34.4	.4	**
1982	336.4	273.2	.8	38.2	NA	.0	3.1	.2	3.6	**	.0	.0	.0	4.8	12.4	.0	.0
1983	331.8	282.3	.6	22.9	NA	.0	**	.5	2.8	**	**	.0	.0	7.8	14.8	.0	.0
1984	500.1	324.7	8.2	122.8	NA	.0	.7	**	3.5	.0	.0	.0	**	7.1	33.0	.0	.0
1985	520.5	335.7	1.4	149.5	NA	.0	.1	.0	6.5	.0	.0	.0	**	7.9	19.0	.3	**
1986	506.0	316.8	.8	148.5	NA	.0	**	.0	9.1	.0	.0	.0	.0	7.9	22.9	.0	**
1987	554.8	308.6	.6	171.4	NA	21.4	.0	1.1	10.3	.0	.0	.0	.0	6.9	32.7	.0	1.8
1988	719.6	347.9	.5	179.3	NA	116.4	.0	.0	9.6	.0	.0	.0	.0	7.8	55.3	.0	2.9
1989	759.9	349.9	3.8	208.1	NA	98.6	.1	.0	16.5	.0	.0	.0	.0	12.0	71.8	.0	3.1
1990	755.5	360.0	6.8	145.2	NA	130.4	.0	.0	19.2	.0	.0	.0	.0	17.5	73.0	.0	3.3
1991	957.4	389.4	21.8	200.2	NA	171.6	.0	.1	16.6	.0	.1	.0	.0	22.1	132.1	.0	3.5
1992	966.6	408.5	22.9	192.6	NA	197.0	.0	.1	17.2	.0	.0	.0	.0	32.7	87.2	.0	8.3

See explanatory information, if any, and SOURCE at end of table.

Table 5. Federal obligations to universities and colleges, by type of activity and agency: fiscal years 1963-92

[Dollars in millions]

Activity and year	Total	USDA	Com	DoD	OEO	Ed	DOE 1/	EPA	HHS	HUD	Int	AID	Labor	NASA	NSF	NRC	DOT
	Non-S&E activities																
1963	84.5	.0	.0	.0	NA	NA	.0	NA	84.3	NA	0.2	NA	NA	.0	.0	NA	NA
1964	96.4	.0	.0	.0	NA	NA	.0	NA	96.2	NA	.2	NA	NA	.0	.0	NA	NA
1965	489.3	**	.0	.0	NA	NA	.0	NA	489.1	NA	.1	NA	NA	.0	.0	NA	NA
1966	846.4	**	.0	.0	NA	NA	.0	NA	843.1	NA	3.4	NA	NA	.0	.0	NA	NA
1967	993.9	**	3.5	.0	NA	NA	.0	NA	986.8	NA	3.5	NA	NA	.0	.0	NA	NA
1968	1,036.8	.0	1.8	.0	42.2	NA	.0	NA	992.8	.0	.0	NA	.0	.0	.0	NA	0.1
1969	1,101.0	.0	1.8	**	51.1	NA	.0	NA	1,040.6	**	.0	6.1	1.3	.0	.0	NA	NA
1970	1,049.0	.0	1.0	**	16.7	NA	.0	NA	1,024.2	**	.0	5.4	1.7	.0	.0	NA	.0
1971	1,155.5	.0	2.0	.0	21.1	NA	.0	.0	1,132.3	.0	**	.0	.0	.0	.0	NA	.0
1972	1,545.6	.0	.0	.0	21.7	NA	.0	.0	1,523.5	.0	.1	.0	.2	.0	.0	NA	.0
1973	1,374.7	.0	.1	.0	21.3	NA	**	.0	1,351.2	.0	.1	.0	2.0	.0	.0	NA	.0
1974	1,743.4	.0	.1	.0	5.9	NA	.0	.0	1,735.0	2.2	.0	.0	.1	.0	.0	NA	.0
1975	1,741.4	.0	.7	.0	NA	NA	.0	.0	1,740.6	.0	**	.0	.0	.0	.0	0.1	.0
1976	2,443.1	.0	.9	.0	NA	NA	.0	.0	2,442.1	.0	.1	.0	.0	.0	.0	**	.0
1977	3,138.4	3.5	.0	.0	NA	NA	3.7	.0	3,130.5	.0	.0	.0	.0	.0	.0	.2	.5
1978	3,512.0	3.2	.0	.0	NA	NA	2.5	1.1	3,503.1	.0	1.5	.0	.0	.0	.0	.4	.2
1979 2/	3,131.2	4.5	.0	.0	NA	NA	1.0	1.4	1,719.1	.0	.0	.0	2.6	.0	.0	**	.0
1980	3,507.8	4.3	.6	.0	NA	2,784.0	2.7	1.9	704.7	.0	3.3	.0	5.9	.0	.0	**	.3
1981 2/	3,578.1	4.2	.0	22.2	NA	3,149.9	5.3	3.1	386.2	.0	4.5	.0	2.2	.0	.0	**	.5
1982 2/	3,597.4	2.4	.0	15.8	NA	3,275.8	7.1	1.6	292.1	.0	.2	.0	2.1	.0	.0	.2	.0
1983 2/	3,864.0	4.0	.0	14.6	NA	3,419.3	8.1	.9	207.5	.0	3.9	.0	3.1	.0	.0	.1	3.0
1984	3,731.5	4.2	.2	11.1	NA	3,473.4	6.2	1.0	214.3	.2	13.5	.0	3.9	.0	.0	.3	3.0
1985	3,713.7	4.0	.2	6.0	NA	3,449.1	3.0	.9	232.1	.2	11.3	.0	3.4	.0	.0	.0	3.6
1986	4,188.4	3.5	.0	7.8	NA	3,922.5	**	.0	237.7	.2	10.0	.0	2.8	.0	.0	.0	3.8
1987	4,866.5	3.7	4.7	19.4	NA	4,570.0	**	.0	257.7	.3	7.1	.0	2.9	.0	.0	.0	.8
1988	4,930.3	5.1	6.0	8.4	NA	4,610.6	1.4	.0	284.4	.0	11.5	.0	2.9	.0	.0	.0	.0
1989	5,429.2	6.9	7.4	1.3	NA	5,109.3	.7	.0	288.4	**	12.2	.0	2.7	.0	.0	.0	.3
1990	4,754.8	7.7	5.3	.0	NA	4,418.4	.8	.0	302.4	**	15.8	.0	2.7	.0	.0	.0	1.7
1991	5,723.1	8.7	13.6	190.4	NA	5,119.7	3.3	.0	361.5	.0	21.9	.0	3.4	.0	.0	.0	.4
1992	6,317.7	9.3	17.6	189.6	NA	5,563.1	3.1	.0	406.4	.0	23.5	.0	3.6	.0	.0	.0	1.5

1/ Data shown for fiscal years 1963-74 and fiscal years 1975-77 represent obligations of the Atomic Energy Commission and the Energy Research and Development Administration, respectively.

2/ The total figures for "Total" obligations and "Non-S&E" obligations were estimated on the basis of revised data from the Department of Education. The data reported under the Department of Education columns for "Total" and "Non-S&E" obligations, however, were not revised because new detail was not availble for individual institutions.

3/ Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-administered laboratories that are separate from the academic departments.

4/ Data collected before this year are not separately identified but are included under "Other S&E activities."

NOTE: Some trend shifts are related to institutional reclassification. As of 1978, two laboratories that were formerly considered academically administered federally funded research and development centers became part of their respective institutions: Applied Physics Laboratory (Johns Hopkins University) and Applied Research Laboratory (Pennsylvania State University). Data for these laboratories are thus included in the academic figures for 1978-92 but are excluded for prior years. Similarly, Draper Laboratories separated from the Massachusetts Institute of Technology as of fiscal year 1974 to become an independent nonprofit institution; academic data shown for 1963-73 include Draper Laboratories, whereas those for 1974-92 do not.

KEY:
- AID = Agency for International Development
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- DOT = Department of Transportation
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- HUD = Department of Housing and Urban Development
- Int = Department of the Interior
- NA = Not available
- NASA = National Aeronautics and Space Administration
- NRC = Nuclear Regulatory Commission
- NSF = National Science Foundation
- OEO = Office of Economic Opportunity
- USDA = U.S. Department of Agriculture
- ** = Amount less than $50,000

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1992

Table 6. Federal obligations to universities and colleges, by geographic division and State: fiscal years 1985-92

[Dollars in thousands]

Geographic division and State	1985	1986	1987	1988	1989	1990	1991	1992
United States, total	10,971,593	11,619,243	13,433,783	14,066,480	15,503,833	15,197,906	17,552,353	19,047,464
New England, total	1,056,037	1,088,619	1,174,983	1,206,431	1,321,470	1,322,828	1,487,955	1,617,733
Connecticut	206,377	197,087	231,719	231,478	248,533	244,813	266,051	292,671
Maine	35,021	37,829	42,533	38,712	45,750	43,461	47,358	54,349
Massachusetts	665,491	691,989	724,731	742,505	839,682	829,844	928,830	1,012,039
New Hampshire	41,580	44,557	55,356	53,292	55,679	70,235	85,601	97,863
Rhode Island	66,828	73,428	72,131	77,967	78,324	81,884	96,206	99,901
Vermont	40,740	43,729	48,513	62,477	53,502	52,591	63,909	60,710
Middle Atlantic, total	1,740,096	1,814,007	2,129,924	2,314,463	2,330,406	2,291,112	2,638,461	2,825,334
New Jersey	162,619	171,673	187,917	204,581	224,745	230,188	269,878	297,932
New York	1,027,688	1,055,110	1,297,802	1,367,822	1,342,319	1,278,195	1,437,256	1,538,143
Pennsylvania	549,789	587,224	644,205	742,060	763,342	782,729	931,327	989,259
East North Central, total	1,566,685	1,645,494	1,911,264	1,910,221	2,187,914	2,136,859	2,489,661	2,722,887
Illinois	451,905	464,929	565,116	541,870	604,137	570,175	641,457	701,904
Indiana	205,299	208,978	216,780	219,807	256,735	271,269	323,020	365,713
Michigan	310,407	329,715	408,922	433,177	504,247	475,492	557,622	647,682
Ohio	343,214	372,105	410,374	412,776	461,694	489,477	589,286	609,740
Wisconsin	255,860	269,767	310,072	302,591	361,101	330,446	378,276	397,848
West North Central, total	756,245	809,974	951,665	970,064	1,105,546	1,053,287	1,216,686	1,339,808
Iowa	137,390	151,366	187,189	196,382	220,887	199,045	230,166	253,269
Kansas	91,090	87,016	115,017	113,502	128,654	104,277	131,301	158,038
Minnesota	194,911	215,114	237,634	240,476	296,138	264,824	304,618	319,655
Missouri	194,245	209,225	244,418	254,409	284,354	288,185	323,817	372,298
Nebraska	63,329	65,148	78,139	74,875	80,646	78,323	100,068	106,999
North Dakota	39,577	42,262	44,556	54,401	50,960	75,007	79,205	81,700
South Dakota	35,703	39,843	44,712	36,019	43,907	43,626	47,511	47,849
South Atlantic, total	1,992,488	2,097,238	2,423,831	2,604,199	2,828,185	2,762,589	3,220,940	3,491,754
Delaware	22,676	21,826	23,802	27,618	29,704	31,393	36,985	45,744
District of Columbia	306,263	292,741	307,618	307,405	309,452	325,621	355,473	348,827
Florida	215,260	238,537	311,472	358,838	396,804	347,463	452,685	542,648
Georgia	215,878	244,230	277,269	306,229	317,807	298,295	378,623	407,899
Maryland	573,326	602,952	691,090	761,456	804,615	803,123	874,456	913,212
North Carolina	312,939	330,537	395,400	412,890	473,274	466,301	534,576	593,427
South Carolina	102,681	107,436	137,818	126,927	136,683	120,687	151,808	163,343
Virginia	196,052	205,191	221,963	233,223	281,204	297,852	342,929	371,089
West Virginia	47,413	53,788	57,399	69,613	78,642	71,854	93,405	105,565
East South Central, total	578,076	637,408	739,605	755,894	818,676	845,094	979,284	1,055,458
Alabama	187,290	221,934	251,515	249,118	262,716	280,311	328,938	351,531
Kentucky	111,787	115,801	119,942	124,852	144,745	144,244	167,503	183,020
Mississippi	90,461	99,653	144,632	146,500	157,578	144,382	164,246	180,054
Tennessee	188,538	200,020	223,516	235,424	253,637	276,157	318,597	340,853
West South Central, total	804,383	863,335	1,028,760	1,132,197	1,286,240	1,224,761	1,457,355	1,638,478
Arkansas	63,066	67,008	75,404	84,570	97,491	100,897	124,118	133,686
Louisiana	138,287	151,017	172,732	199,174	254,787	222,018	273,587	297,331
Oklahoma	92,089	98,420	117,385	128,221	127,625	132,304	159,402	186,785
Texas	510,941	546,890	663,239	720,232	806,337	769,542	900,248	1,020,676
Mountain, total	583,669	614,907	724,680	783,198	897,741	906,615	1,114,578	1,196,105
Arizona	112,837	113,472	152,697	163,133	186,013	175,344	217,626	255,644
Colorado	167,710	171,849	205,268	230,491	248,105	257,058	314,144	345,162
Idaho	22,884	23,242	31,917	39,011	49,910	41,736	58,764	56,871
Montana	25,361	28,611	37,488	34,262	40,921	44,686	53,651	64,232
Nevada	18,284	19,692	25,893	20,986	27,383	35,677	36,444	43,096
New Mexico	101,449	120,338	109,082	110,641	126,652	127,635	179,186	171,625
Utah	112,771	124,664	142,526	163,120	194,328	204,543	231,440	228,816
Wyoming	22,373	13,039	19,809	21,554	24,429	19,936	23,321	30,659

See explanatory information, if any, and SOURCE at end of table.

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Table 6. Federal obligations to universities and colleges, by geographic division and State: fiscal years 1985-92

[Dollars in thousands]

Geographic division and State	1985	1986	1987	1988	1989	1990	1991	1992
Pacific, total	1,659,769	1,774,161	2,050,783	2,138,490	2,465,520	2,390,223	2,641,723	2,869,955
Alaska	18,500	24,498	22,524	23,955	24,845	33,240	35,138	42,792
California	1,200,802	1,271,140	1,471,977	1,540,181	1,769,300	1,726,498	1,887,694	2,068,276
Hawaii	50,421	47,676	58,671	58,779	64,753	71,165	83,720	86,337
Oregon	126,494	158,692	195,602	181,597	214,803	181,705	212,858	231,269
Washington	263,552	272,155	302,009	333,978	371,819	377,615	422,313	441,281
Outlying Areas, total	234,145	274,100	298,288	251,323	262,135	264,538	305,710	289,952
Guam	6,153	5,711	11,105	4,203	4,530	4,150	4,359	4,226
Puerto Rico	219,555	259,211	278,117	240,524	250,706	250,141	290,731	274,997
American Samoa	625	810	1,169	768	921	1,555	1,727	1,696
Virgin Islands	2,768	2,009	4,942	3,093	3,040	3,299	3,492	4,153
Trust Territory Pacific Islands	5,044	6,359	2,955	2,735	2,938	5,393	5,401	4,880

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1992

Table 7. Federal obligations to universities and colleges, by agency and type of activity: fiscal year 1992

[Dollars in thousands]

Agency	Total, all activities	Academic science and engineering (S&E)							Non-S&E activities
		Total academic S&E	Research and development	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities	
Total, all agencies	19,047,464	12,729,720	10,863,940	194,722	38,504	506,720	159,240	966,594	6,317,744
Department of Agriculture	951,233	941,929	464,577	58,271	0	10,548	0	408,533	9,304
Department of Commerce	146,781	129,165	66,889	222	6,952	4,020	28,213	22,869	17,616
Department of Defense	1,699,303	1,509,732	NA	0	0	2,654	0	192,647	189,571
Army	337,281	233,679	NA	0	0	2,213	0	28,511	103,602
Navy	935,805	875,872	NA	0	0	338	0	131,970	59,933
Air Force	315,331	296,999	NA	0	0	0	0	23,871	18,332
Other Department of Defense	110,886	103,182	NA	0	0	103	0	8,295	7,704
Department of Defense, research 1/	NA	NA	838,920	NA	NA	NA	NA	NA	NA
Army	NA	NA	167,027	NA	NA	NA	NA	NA	NA
Navy	NA	NA	381,536	NA	NA	NA	NA	NA	NA
Air Force	NA	NA	234,121	NA	NA	NA	NA	NA	NA
Other Department of Defense	NA	NA	56,236	NA	NA	NA	NA	NA	NA
Department of Defense, development 1/	NA	NA	475,511	NA	NA	NA	NA	NA	NA
Army	NA	NA	35,928	NA	NA	NA	NA	NA	NA
Navy	NA	NA	362,028	NA	NA	NA	NA	NA	NA
Air Force	NA	NA	39,007	NA	NA	NA	NA	NA	NA
Other Department of Defense	NA	NA	38,548	NA	NA	NA	NA	NA	NA
Department of Education	6,065,401	402,314	104,644	400	0	63,751	36,523	196,996	5,663,087
Department of Energy	708,454	705,321	642,160	53,736	1,313	8,112	0	0	3,133
Environmental Protection Agency	150,036	150,036	135,387	0	0	10,629	3,970	70	0
Department of Health & Human Services	6,613,968	6,207,554	5,785,765	17,171	0	318,105	69,271	17,242	406,414
Administration on Aging	4,176	4,176	1,953	0	0	2,223	0	0	0
Administration for Children & Families	17,660	17,660	17,660	0	0	0	0	0	0
Agency for Health Care Policy & Research	50,685	50,685	47,672	0	0	3,013	0	0	0
Agency for Toxic Substances & Disease Registry	3,047	220	220	0	0	0	0	0	2,827
Alcohol, Drug Abuse, and Mental Health Administration	724,202	690,170	654,742	0	0	32,380	1,354	1,694	34,032
Centers for Disease Control	66,047	44,358	44,358	0	0	0	0	0	21,689
Food and Drug Administration	9,069	9,069	9,069	0	0	0	0	0	0
Health Care Financing Administration	8,487	8,487	8,487	0	0	0	0	0	0
Health Resources and Services Administration	354,077	9,420	7,690	0	0	1,730	0	0	344,657
Indian Health Service	2,180	0	0	0	0	0	0	0	2,180
National Institutes of Health	5,369,267	5,369,267	4,989,872	17,171	0	276,759	67,917	15,548	0
Office of the Assistant Secretary for Health	1,542	513	513	0	0	0	0	0	1,029
Social Security Administration	1,955	1,955	1,955	0	0	0	0	0	0
Other Dept of Health & Human Services	1,574	1,574	1,574	0	0	0	0	0	0
Department of Housing & Urban Development	200	200	200	0	0	0	0	0	0
Department of Interior	103,196	79,664	67,599	0	0	0	12,065	0	23,532
Department of Labor	12,634	9,046	9,046	0	0	0	0	0	3,588
Department of Transportation	52,768	51,269	30,102	0	9,000	2,320	1,500	8,347	1,499

See explanatory information, if any, and SOURCE at end of table.

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Table 7. Federal obligations to universities and colleges, by agency and type of activity: fiscal year 1992

[Dollars in thousands]

Agency	Total, all activities	Academic science and engineering (S&E)							Non-S&E activities
		Total academic S&E	Research and development	R&D plant	Facilities for instruction in S&E	Fellowships, trainee-ships, and training grants	General support for S&E	Other S&E activities	
Agency for International Development	27,627	27,627	27,627	0	0	0	0	0	0
National Aeronautics & Space Administration	679,828	679,828	605,554	1,133	0	40,444	0	32,697	0
National Science Foundation	1,830,150	1,830,150	1,604,094	63,789	21,239	46,137	7,698	87,193	0
Nuclear Regulatory Commission	5,885	5,885	5,885	0	0	0	0	0	0

1/ Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development reported for "universities and colleges" is performed at university-administered laboratories that are separate from the academic departments.

KEY: NA = not available

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1992

Table 8. Federal obligations to universities and colleges, by geographic division, State, and agency: fiscal year 1992

[Dollars in thousands]

Geographic division and State	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
United States, total	19,047,464	951,233	146,781	1,699,303	6,065,401	708,454	150,036	6,613,968	103,196	679,828	1,830,150	99,114
New England, total	1,617,733	51,828	16,723	171,266	331,231	92,140	13,813	654,237	3,674	65,192	211,544	6,085
Connecticut	292,871	6,405	3,428	10,309	44,951	11,809	648	193,033	111	1,821	20,144	212
Maine	54,349	7,313	694	601	37,033	197	785	3,195	567	153	3,743	68
Massachusetts	1,012,039	22,286	6,235	143,109	169,107	73,872	8,972	374,164	1,951	49,256	157,886	5,201
New Hampshire	97,863	4,687	3,916	3,382	25,355	1,690	1,230	37,631	294	10,957	8,587	134
Rhode Island	99,901	3,905	2,450	11,024	34,764	4,072	1,562	19,595	522	2,775	18,847	385
Vermont	60,710	7,232	0	2,841	20,021	500	616	26,619	229	230	2,337	85
Middle Atlantic, total	2,825,334	66,920	13,357	240,214	720,449	99,721	23,327	1,249,547	5,740	55,445	336,319	14,295
New Jersey	297,932	13,200	4,899	21,561	100,767	10,594	5,613	88,844	339	7,683	39,653	4,779
New York	1,538,143	28,853	6,733	72,746	385,237	68,430	11,521	728,192	1,770	26,648	202,996	5,017
Pennsylvania	989,259	24,867	1,725	145,907	234,445	20,697	6,193	432,511	3,631	21,114	93,670	4,499
East North Central, total	2,722,887	139,740	13,202	128,714	1,014,627	98,513	22,139	872,737	4,628	87,643	324,519	16,425
Illinois	701,904	27,813	2,196	31,250	257,645	23,995	1,256	226,811	713	11,967	117,562	696
Indiana	365,713	25,385	821	14,605	150,364	31,590	1,295	84,633	488	5,257	49,195	2,080
Michigan	647,682	33,656	4,360	23,902	230,185	15,771	7,362	223,479	1,223	32,520	70,095	5,129
Ohio	609,740	23,644	2,159	49,083	253,155	6,531	9,921	195,750	603	22,924	38,003	7,967
Wisconsin	397,848	29,242	3,666	9,874	123,278	20,626	2,305	142,064	1,601	14,975	49,664	553
West North Central, total	1,339,808	141,017	6,305	44,530	539,132	39,117	10,586	427,280	12,231	23,026	83,965	12,619
Iowa	253,269	28,578	2,951	6,461	95,569	2,951	1,783	87,390	402	10,747	13,575	2,862
Kansas	158,038	15,729	125	1,938	85,334	8,557	1,906	29,512	327	2,439	10,770	1,401
Minnesota	319,655	21,729	1,432	19,922	116,264	5,159	3,359	115,391	1,289	3,114	31,201	795
Missouri	372,298	27,002	1,197	10,416	128,572	13,819	567	166,788	1,752	4,490	17,143	552
Nebraska	106,999	20,224	365	3,481	46,897	865	156	21,621	1,216	1,054	7,588	3,532
North Dakota	81,700	18,728	110	1,772	38,186	7,766	2,500	4,459	3,187	457	1,399	3,136
South Dakota	47,849	9,027	125	540	28,310	0	315	2,119	4,058	725	2,289	341
South Atlantic, total	3,491,754	155,747	31,213	629,660	1,086,179	94,696	38,840	1,096,143	12,261	104,734	220,052	22,229
Delaware	45,744	4,954	1,629	9,332	13,855	1,103	711	4,431	101	1,757	7,789	82
District of Columbia	348,827	2,215	493	11,102	242,009	1,447	680	72,079	109	7,078	9,542	2,073
Florida	542,648	22,419	6,141	53,079	246,364	14,628	4,155	131,649	2,436	15,580	44,291	1,906
Georgia	407,899	28,663	2,907	87,814	104,316	20,638	8,689	115,692	952	8,351	27,707	2,170
Maryland	913,212	13,563	7,499	406,371	84,881	14,664	4,341	311,979	159	30,483	37,608	1,664
North Carolina	593,427	35,255	5,564	27,734	136,100	9,027	13,520	302,097	1,249	8,566	48,680	5,635
South Carolina	163,343	17,608	4,341	6,157	76,631	12,484	693	30,421	410	1,521	12,689	388
Virginia	371,089	21,805	2,389	27,208	129,287	10,631	1,798	114,841	4,792	20,908	29,614	7,816
West Virginia	105,565	9,265	250	863	52,736	10,074	4,253	12,954	2,053	10,490	2,132	495
East South Central, total	1,055,458	101,450	2,393	33,177	496,824	38,679	3,336	296,087	4,497	35,826	39,787	3,402
Alabama	351,531	26,019	345	14,109	147,845	14,055	825	105,863	923	28,776	11,212	1,559
Kentucky	183,020	23,036	292	1,565	104,323	4,821	427	39,298	863	939	7,230	226
Mississippi	180,054	27,657	1,651	4,149	113,659	6,344	1,139	12,881	1,728	1,826	8,680	340
Tennessee	340,853	24,738	105	13,354	130,997	13,459	945	138,045	983	4,285	12,665	1,277
West South Central, total	1,638,478	116,287	10,296	103,279	665,874	64,567	14,356	499,852	10,874	45,628	94,116	13,349
Arkansas	133,686	23,290	125	1,804	85,395	868	466	16,957	695	313	3,132	641
Louisiana	297,331	18,990	2,674	7,114	155,266	21,515	1,383	66,143	4,617	1,720	9,993	7,916
Oklahoma	186,785	17,414	1,401	9,161	105,250	11,742	1,436	22,027	148	6,747	10,955	504
Texas	1,020,676	56,593	6,096	85,200	319,963	30,442	11,071	394,725	5,414	36,848	70,036	4,288
Mountain, total	1,196,105	65,576	18,833	106,178	427,226	35,702	12,594	283,350	28,225	82,529	131,691	4,201
Arizona	255,644	9,838	351	13,255	88,698	4,194	807	67,227	9,336	22,179	37,763	1,996
Colorado	345,162	13,247	16,321	19,992	99,598	7,254	3,192	114,664	3,416	24,367	42,308	803
Idaho	56,871	9,063	131	1,075	36,406	713	397	1,394	2,336	2,852	1,974	530
Montana	64,232	9,905	125	478	33,097	547	1,119	4,441	6,348	1,043	6,994	135
Nevada	43,096	3,434	1,371	638	11,017	6,003	5,518	7,489	2,132	594	4,772	128
New Mexico	171,625	7,727	367	35,094	62,565	10,441	665	22,444	1,071	18,309	12,841	101
Utah	228,816	7,519	167	34,819	81,549	5,621	741	63,892	2,370	12,544	19,215	379
Wyoming	30,659	4,843	0	827	14,296	929	155	1,799	1,216	641	5,824	129

See explanatory information, if any, and SOURCE at end of table.

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Table 8. Federal obligations to universities and colleges, by geographic division, State, and agency: fiscal year 1992

[Dollars in thousands]

Geographic division and State	Total	USDA	Com	DoD	Ed	DOE	EPA	HHS	Int	NASA	NSF	Other 1/
Pacific, total	2,869,955	93,221	33,667	241,229	549,945	145,280	10,914	1,209,908	20,763	179,064	379,617	6,347
Alaska	42,792	3,099	4,950	877	8,162	799	6	1,535	2,283	8,632	12,378	71
California	2,068,276	37,708	8,992	200,371	336,696	112,426	5,366	924,088	8,103	148,094	282,632	3,800
Hawaii	86,337	12,231	7,601	4,989	18,346	2,996	22	15,553	2,113	7,631	14,023	832
Oregon	231,269	20,433	4,990	8,903	78,896	15,705	3,832	65,480	3,664	5,023	23,810	533
Washington	441,281	19,750	7,134	26,089	107,845	13,354	1,688	203,252	4,600	9,684	46,774	1,111
Outlying Areas, total	289,952	19,447	792	1,056	233,914	39	131	24,827	303	741	8,540	162
Guam	4,226	2,020	58	0	840	0	0	697	202	0	409	0
Puerto Rico	274,997	12,307	734	1,056	228,125	39	131	23,610	0	741	8,097	157
American Samoa	1,698	1,223	0	0	473	0	0	0	0	0	0	0
Virgin Islands	4,153	1,933	0	0	1,631	0	0	449	101	0	34	5
Trust Territory Pacific Islands	4,880	1,964	0	0	2,845	0	0	71	0	0	0	0

1/ Includes Department of Transportation, Agency for International Development, Department of Housing and Urban Development, Department of Labor, and Nuclear Regulatory Commission

KEY:
- Com = Department of Commerce
- DoD = Department of Defense
- DOE = Department of Energy
- Ed = Department of Education
- EPA = Environmental Protection Agency
- HHS = Department of Health and Human Services
- Int = Department of the Interior
- NASA = National Aeronautics and Space Administration
- NSF = National Science Foundation
- USDA = U.S. Department of Agriculture

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1992

Table 9. Federal obligations to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by type of activity: fiscal year 1992

[Dollars in thousands]

Institution	Total, all activities	Academic science and engineering (S&E)							Non-S&E activities
		Total academic S&E	Research and development	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities	
Total, all institutions	19,047,464	12,729,720	10,863,940	194,722	38,504	506,720	159,240	966,594	6,317,744
1 Johns Hopkins University	670,335	660,675	534,128	146	0	16,429	266	109,706	9,660
2 University of Washington	301,326	280,054	245,428	501	0	16,124	2,648	15,353	21,272
3 MA Inst of Technology	281,886	275,279	249,852	6,338	0	12,156	945	3,988	6,607
4 Stanford University	278,739	270,056	246,589	1,710	32	18,920	174	2,631	8,683
5 University of Michigan	254,109	233,782	210,000	2,791	169	14,880	1,391	4,551	20,327
6 U CA Los Angeles	237,932	215,751	202,754	50	0	10,255	687	2,005	22,181
7 Cornell University	232,805	218,542	162,177	7,628	0	11,253	424	37,060	14,263
8 University of Minnesota	227,999	212,127	177,182	189	62	7,066	3,269	24,359	15,872
9 U WI Madison	226,184	222,163	192,414	9,500	126	7,975	233	11,915	4,021
10 U CA San Diego	223,390	214,975	202,477	450	0	9,672	1,751	625	8,415
Total 1st 10 institutions	2,934,705	2,803,404	2,423,001	31,303	389	124,730	11,788	212,193	131,301
11 Columbia University	220,007	202,128	190,310	399	0	8,305	405	2,709	17,879
12 U CA San Francisco	216,339	209,638	195,156	1,944	0	11,464	934	140	6,701
13 Harvard University	211,258	198,310	176,967	531	0	19,146	613	1,053	12,948
14 Pennsylvania State U	209,785	176,023	148,172	0	67	3,154	244	24,386	33,762
15 University of PA	207,866	193,366	178,002	584	102	12,245	461	1,972	14,500
16 U CA Berkeley	203,875	185,232	154,682	587	102	12,956	271	16,634	18,643
17 Yale University	197,951	190,388	172,304	2,768	0	12,783	156	2,377	7,563
18 University of Colorado	196,875	167,427	147,935	147	94	7,456	2,997	8,798	29,448
19 University of Pittsburgh	196,628	178,148	164,183	5,432	1,133	3,879	574	2,947	18,480
20 Howard University	189,114	25,204	19,433	0	0	1,887	2,717	1,167	163,910
Total 1st 20 institutions	4,984,403	4,529,268	3,970,145	43,695	1,887	218,005	21,160	274,376	455,135
21 U Southern California	172,986	151,454	141,449	250	0	3,570	517	5,668	21,532
22 U NC Chapel Hill	163,572	151,515	130,144	2,823	0	8,697	860	8,991	12,057
23 Duke University	161,167	151,087	139,864	445	105	7,358	391	2,924	10,080
24 Washington University	153,970	148,036	134,336	528	77	12,093	312	690	5,934
25 Indiana University	145,408	101,156	88,348	4,286	41	4,206	1,205	3,070	44,252
26 U IL Urbana	142,500	141,775	111,061	10,280	189	4,082	867	15,296	725
27 University of Rochester	141,977	132,965	103,020	21,052	0	6,706	487	1,700	9,012
28 University of Arizona	139,568	122,610	106,229	4,747	200	3,509	382	7,543	16,958
29 University of Florida	129,626	109,862	92,533	1,332	57	3,742	861	11,337	19,764
30 Ohio State University	129,395	109,413	90,377	1,605	0	1,530	904	14,997	19,982
Total 1st 30 institutions	6,464,572	5,849,141	5,107,506	91,043	2,556	273,498	27,946	346,592	615,431
31 University of Chicago	122,848	118,031	98,668	2,139	0	12,272	454	4,498	4,817
32 U TX Austin	122,638	121,429	110,616	1,135	91	3,126	772	5,689	1,209
33 New York University	117,762	102,009	96,349	0	0	4,036	697	927	15,753
34 Michigan State University	111,441	91,675	70,464	5,494	54	1,579	458	13,626	19,766
35 University of Iowa	111,344	98,913	92,133	309	98	4,631	730	1,012	12,431
36 U CA Davis	111,114	96,998	90,500	315	23	3,055	181	2,924	14,116
37 California Inst of Tech	109,877	109,877	97,956	2,211	63	5,326	295	4,026	0
38 Purdue University	104,606	89,817	71,298	1,609	64	2,566	668	13,612	14,789
39 Texas A&M University	103,189	86,721	58,778	4,685	618	1,215	877	20,548	16,468
40 Case Western Reserve U	101,970	94,254	88,518	0	98	5,049	146	443	7,716
Total 1st 40 institutions	7,581,361	6,858,865	5,982,786	108,940	3,665	316,353	33,224	413,897	722,496
41 U Alabama Birmingham	101,341	88,978	84,055	788	0	3,840	236	59	12,363
42 Vanderbilt University	99,366	93,010	84,390	0	29	5,649	299	2,643	6,356
43 Boston University	98,888	85,250	79,255	846	0	3,753	423	973	13,638
44 Louisiana State U	98,446	58,433	46,056	50	17	744	941	10,625	40,013
45 U MD College Park	98,115	88,747	71,868	1,760	16	1,329	776	12,998	9,368
46 University of Utah	96,290	82,105	76,441	319	17	1,707	80	3,541	14,185
47 University of Virginia	95,567	86,007	77,182	369	47	5,306	326	2,777	9,560
48 University of Miami	95,101	75,487	71,329	495	59	2,215	350	1,039	19,614
49 Northwestern University	93,458	84,189	78,553	1,136	0	3,989	213	298	9,269
50 Baylor Col of Medicine	91,638	89,304	84,947	0	0	2,714	102	1,541	2,334
Total 1st 50 institutions	8,549,571	7,690,375	6,736,862	114,703	3,850	347,599	36,970	450,391	859,196

See explanatory information, if any, and SOURCE at end of table.

Table 9. Federal obligations to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by type of activity: fiscal year 1992

[Dollars in thousands]

Institution	Total, all activities	Academic science and engineering (S&E)							Non-S&E activities
		Total academic S&E	Research and development	R&D plant	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities	
51 University of Kentucky	90,668	57,722	45,219	0	0	868	353	11,282	32,946
52 Rutgers the St U of NJ	88,786	72,384	57,574	3,312	168	2,663	1,079	7,588	16,402
53 NC State U Raleigh	84,656	77,955	55,126	1,201	75	4,377	1,320	15,856	6,701
54 University of Cincinnati	84,597	59,651	53,039	0	0	2,282	3,598	732	24,946
55 Yeshiva University NY	80,864	77,808	73,413	0	0	4,130	215	50	3,056
56 Georgia Institute of Tech	77,922	73,257	45,823	1,452	193	1,165	252	24,372	4,665
57 Emory University	75,658	68,164	65,424	0	50	2,484	68	138	7,494
58 Woods Hole Oceangraphic	75,329	75,329	72,601	0	0	124	801	1,803	0
59 U CA Irvine	74,998	66,369	63,114	572	0	1,936	192	555	8,629
60 Utah State University	72,818	60,349	50,397	863	57	375	413	8,244	12,469
Total 1st 60 institutions	9,355,867	8,379,363	7,318,592	122,103	4,393	368,003	45,261	521,011	976,504
61 Carnegie Mellon U	72,537	67,580	63,586	295	250	1,672	279	1,498	4,957
62 Oregon State University	71,138	62,960	52,253	423	2,020	961	1,038	6,265	8,178
63 U IL Chicago	70,425	50,798	47,074	26	0	1,532	638	1,528	19,627
64 New Mexico State U	70,205	50,270	42,619	0	52	909	772	5,918	19,935
65 Colorado State University	69,833	59,217	50,486	454	54	1,650	1,668	4,905	10,616
66 University of Georgia	68,744	62,607	46,752	3,061	0	585	49	12,160	6,137
67 Princeton University	68,718	62,373	55,524	813	89	4,537	87	1,323	6,345
68 Iowa State University	66,443	51,250	34,054	0	321	1,674	187	15,014	15,193
69 U TX SW Med Ctr Dallas	65,967	63,950	60,673	0	0	2,527	138	612	2,017
70 University of New Mexico	65,159	43,387	38,624	229	17	1,287	798	2,432	21,772
Total 1st 70 institutions	10,045,036	8,953,755	7,810,237	127,404	7,196	385,337	50,915	572,666	1,091,281
71 SUNY at Stony Brook	64,375	61,976	57,915	1,072	0	1,038	297	1,654	2,399
72 U Hawaii Manoa	62,121	49,374	41,139	3,727	0	1,032	437	3,039	12,747
73 U Missouri Columbia	61,856	50,980	38,005	285	0	1,053	252	11,385	10,876
74 Wayne State University	60,983	44,365	40,171	0	0	1,537	1,639	1,018	16,618
75 Virginia Commonwealth U	58,478	48,580	45,448	250	0	1,923	530	429	9,898
76 U MD Balt Prof Schl	58,069	54,644	51,943	75	0	1,048	388	1,190	3,425
77 University of Connecticut	57,447	51,502	43,477	38	57	1,099	2,191	4,640	5,945
78 U CA Santa Barbara	57,361	51,433	49,055	227	125	847	672	507	5,928
79 Georgetown University	56,316	39,328	36,514	214	0	721	321	1,558	16,988
80 Oklahoma State University	56,269	38,472	23,776	218	68	166	86	14,158	17,797
Total 1st 80 institutions	10,638,311	9,444,409	8,237,680	133,510	7,446	395,801	57,728	612,244	1,193,902
81 CUNY Mt Sinai Schl of Med	56,192	52,529	51,178	0	0	1,316	35	0	3,663
82 VA Polytech Inst & St U	55,279	48,196	35,678	1,096	11	816	206	10,389	7,083
83 U Tennessee Knoxville	55,196	45,099	29,584	912	26	913	320	13,344	10,097
84 University of Kansas	54,964	43,128	34,480	150	50	1,593	259	6,596	11,836
85 Gallaudet University	53,848	4,838	4,281	400	0	151	6	0	49,010
86 U TX Hlth Sci Ctr S Anto	53,775	45,700	44,186	0	0	1,150	185	179	8,075
87 West Virginia U Morgantwn	53,131	38,762	24,797	2,425	31	3,057	80	8,372	14,369
88 Oregon Hlth Sciences U	52,211	47,288	45,293	40	0	1,634	92	229	4,923
89 Tufts University	51,900	47,324	44,355	947	0	1,691	257	74	4,576
90 U Med & Dent of NJ	51,581	42,451	41,046	128	0	669	501	107	9,130
Total 1st 90 institutions	11,176,388	9,859,724	8,592,558	139,608	7,564	408,791	59,669	651,534	1,316,664
91 SUNY at Buffalo	50,853	48,052	40,128	0	23	975	997	5,929	2,801
92 Florida State University	49,864	38,788	36,794	175	8	325	498	988	11,076
93 U PR Regional Col Admn	49,837	157	0	0	0	0	0	157	49,680
94 U MA Amherst	49,744	37,443	31,174	1,257	0	574	36	4,402	12,301
95 U Nebraska Lincoln	49,060	38,314	24,609	4,708	50	706	314	7,927	10,746
96 Arizona State University	47,571	28,317	23,421	1,998	84	937	293	1,584	19,254
97 Washington State U	47,258	38,102	28,863	2,191	83	656	176	6,133	9,156
98 Dartmouth College	46,976	42,506	40,035	0	0	1,469	719	283	4,470
99 Brown University	45,980	40,877	35,819	1,461	100	1,994	43	1,460	5,103
100 University of Oklahoma	45,228	30,787	24,470	186	31	1,126	555	4,419	14,441
Total 1st 100 institutions	11,658,759	10,203,067	8,877,871	151,584	7,943	417,553	63,300	684,816	1,455,692

SOURCE: National Science Foundation/SRS, Survey of Federal Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1992

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